









# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

.05

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

## CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

JANUARY 1962 Volume 67 No. 1



#### PENNSYLVANIA - JANUARY 1962

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 67° on the 26th at Waynesburg 2 W

Lowest Temperature:  $-15^{\circ}$  on the 10th at Clermont 4 NW and Titusville

Water Works

Greatest Total Precipitation: 4.82 inches at Mercer 2 NNE

Least Total Precipitation: 0.96 inch at Burnt Cabins 2 NE

Greatest One-Day Precipitation: 2.44 inches on the 7th at Tamaqua

4 N Dam

Greatest Reported Total Snowfall: 14.5 inches at Corry

Greatest Reported Depth of Snow on Ground: 9 inches on the 3+ at

Blairsville 6 ENE and on the 1st at Millville 2 SW

NOTE: Beginning with this issue departures from normal are based on normals calculated for the period 1931-1960.

#### SPECIAL WEATHER SUMMARY

January was a cold month with frequent precipitation; however, appreciable snow-fall was noticeably absent.

Under the influence of frequent outbreaks of arctic air the current winter trend of below normal temperatures continued. Daily minima dropped to near or below zero on several occasions in all areas except the extreme southeast where they remained slightly higher. Between these surges of cold air the mercury climbed to moderate levels which presented a pattern widely fluctuating temperatures. Pittsburgh, for example, reported a near record high of 60° on the 26th where 3 days prior the maximum reached into only the 20s with the minimum in the teens.

It was during the milder periods when most of the precipitation occurred with the result that the major portion fell

as rain. Greatest amounts were confined to the 6th, 15th and 26th when daily a-mounts reached as much as .50 inch to 1.50 inch generally. Philadelphia reported 2.00 inches on the 6th. In spite of these amounts and the fact that precipitation was reported on more than half the days, monthly totals were below normal in all except a few scattered areas. Snowfall too, while frequent, was well below normal with totals mostly less than 10 inches. A number of places, especially in the southeast, received only 1 or 2 inches. Thus the ground remained virtually free of a measurable snow cover after the 5th when the remaining snow that fell during December disappeared.

Nelson M. Kauffman Weather Bureau State Climatologist Harrisburg State Airport New Cumberland, Pennsylvania

## 551.05 UNP 1962-63

## CLIMATOLOGICAL DATA

PENNSYLVANIA JANUARY 1962

				Temp	perof	UI 6				_							Precip	pitotion					
										N	lo. of	Days	+					Sno	w, Sleet		1	40. o	Days
Station	Average	Average Minimum	Average	Departure Fram Normol	Highest	Date	Lowest	Dote	Degree Days	Above N	8 3	Below of the state	3 3	Tatol	Departure Fram Normol	Greotest Day	Dote	Total	Max Depth an Graund	Date	.10 or More	.50 or More	1.00 or More
POCONO MOUNTAINS							_						7										
FREELAND HAWLEY PLEASANT MOUNT 1 W SCRANTON SCRANTON WB AIRPORT	31.6 35.6 29.7 35.2 33.6	15.5 11.4 9.3 15.7 16.1	23.6 23.5 19.5 25.5 24.9	- 1.8 - 2.9 - 1.8	54 48 53	15 16 16 16 15	- 1 - 1 - 6 3 2	13+ 31 31	1279 1404 1218 1236	0 0 0	19 14 15	31 31 30 28	0	1.27 2.61 3.32 0 2.02 2.67	- 1.82 18 02 22 .38	.48 1.34 1.30 .92 1.09	16 7 7 7 6	1.3 3.2 6.0 2.0 2.7	8 5 8	3+ 3+ 4+	3 4 6 4	2 3 1 2	1 0 1
STROUDSBURG TO8YHANNA	33.7 31.1	13.5 13.1	23.6	- 4.4	55 51	15	- 2		1323	0		31	3	3.78 2.06	- 1.54 40	1.70	6	1.4	5	1	6 3		
DIVISION			23.2	- 2.7										2.53	- •40								
EAST CENTRAL MOUNTAINS																							
ALLENTOWN W8 AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON	35.2 37.3 33.4 35.5 36.IM	17.5 17.3 24.8 17.9 12.5M	26.4 27.3 29.1 26.7 24.3M	- 2.6 - 2.8 - 2.0 - 2.5 - 5.3	57		7	12+		00000	15 12	30 31 27 30 31	0 0 0 0 1	2.90 3.38 2.67 3.09 3.21	27 .14 44 .13 08	1.68 1.46 .72 1.63 1.45	6 6 6 7	1.7 .4 1.3 1.5	4 4 T 4	2+ 3+ 26+ 4+		3	0 1
DIVISION			26.8	- 2.4										7.07	- •11			1					
SOUTHEASTERN PIECMONT																							
COATESVILLE 1 SW DEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORD 1 E	38.6 38.4 36.7 38.5 37.5	18.8 16.5 20.7 18.6 17.2	28.7 27.5 28.7 28.6 27.4	- 2.7 - 3.4 - 3.2	55 56 57 58 56		6 5 7 4	31+ 11 1	1120 1158 1117 1126 1160	00000	11 12	29 29 30 28 29	00000	2.48 0 2.78 1.03 2.74 2.18	82 - 1.95 60	1.30 1.91 .45 1.78 1.37	7 6 7 7 7	•6 •5 T •5	1 0 T 3	5+ 30+ 4+	3 2 4 4	0	0 1
HOLTWOOD LANCASTER 2NE PUMP STA LANOISVILLE 2 NW LEBANON 3 W MARCUS HOOK	38.6 38.5 36.1 35.9 39.9	22.3 17.6 18.2 19.1 26.2	30.5 28.1 27.2 27.5 33.1	- 2.3 - 3.5 - 2.8 - 2.7	54 56 53 53 56	15 16 16	9 4 3 4 11	12+	1063 1139 1167 1155 981	0 0 0 0	9	29 30 30 30 26	00000	2.15 1.87 2.35 2.32 2.88	48 - 1.02 78 48	1.43 .63 1.19 .84 1.77	7 6 7 7 6	1.0 1.7 2.0 1.3	1 2 3 5 T	20 1 5+ 4+ 29+	4 4 5 4	1 2	0 1 0
MORGANTOWN MT GRETNA 2 SE NORRISTOWN PHIL DREWEL INST OF TEC PHILADELPHIA W8 AP R	38.4 36.8 40.1 39.6 38.3	19.0 16.7 22.5 25.8 21.6	28.7 26.8 31.3 32.7 30.0	- 2.3				11 12 31+ 31 31+	994	0 0 0 0	11 10 9	28	00000	2.35 2.71 2.42 3.17 2.95	37	1.50 1.76 1.34 2.18 2.00	6 6 7 6 6	1.0 .0 .8 1.1	1 0 T T	30+ 29+ 30+		1	1 1
PHILADELPHIA PT 8REEZE PHOENIXVILLE 1 E OUAKERTOWN 1 E READING W8 CITY R WEST CHESTER	40.0 39.9 36.9M 37.7 41.2	27.8 19.7 18.0 22.8 20.4	33.9 29.8 27.5M 30.3 30.8	- 1.2 - 3.1 - 2.5 - 2.4 - 2.2	58 57 57 57	15+ 15 15+	12 9 4 9 6	31+	1177	00000	7 10 12	24 28 30 28 27	0 0 0 0	2.83 2.24 2.67 2.79 2.46	- 1.20 71 28	1.99 1.53 .95 1.65 1.13	6 6 6 7	.4 .0 .5 .9	0 0 4 3 1	3+ 5+ 10+	4	1	1 0
DIVISION			29.5	- 2.9										2 • 47	- •74			.8			1		
LOWER SUSOUEHANNA															* * * * * * * * * * * * * * * * * * *								
ARENDTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG	37.1 37.5 37.1 36.9 38.4	18.8 18.9 20.8 19.3 21.5	28.0 28.2 29.0 28.1 30.0	- 2.7 - 2.6 - 3.5 - 2.7	55 54 56 56	26 25 25	5	12+	1140 1136 1110 1137 1077	0 0 0	8 8 11	31 30 30 31 29	0 0 0 0	2.36 2.24 2.00 2.45	- 1.02	1.04 .77 .97 1.25	7 16 6 7	1.8 4.0 2.5 1.3 1.5	6 2 2 4 4	20+ 21+ 2+ 3+	- 6	2	2 1 0 0 0 2 0 1
HANOVER HARRISBURG WB AP R MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	38.9 36.8 39.2 37.3 40.0	21.6 19.2 19.8 20.3 20.4	30 · 3 28 · 0 29 · 5 28 · 8 30 · 2	- 2.5 - 3.8	56 55 57 54 56	25 5 25	5 5 2 4 5	12 12+ 31+	1139 1094 1117	0 0 0 0	10	27 29 30 29 27	0 0 0 0	2.30 2.15 1.78 2.11 2.30	61 95	1.09 1.06 .55 .87 1.22	7 6 6 15 6	1.5 2.3 1.6 1.0	5 6 4	2+	4		2 1 2 1 2 0 2 0 1 1
DIVISION			29.0	- 2.8										2.19	73			1.9			П		
MIDDLE SUSOUEHANNA																							
BERWICK ENGLISH CENTER LEWISTOWN MILLVILLE 2 SW NEWPORT	36.4 34.4N 37.7 33.4 36.4	17.3 12.9M 18.6 14.1 17.4	26.9 23.7M 28.2 23.8 26.9		56 54 52 51 51	23 7 16+	- 5	31 13 12	1176 1270 1135 1270 1176	0 0	13 12 10 16 10	30 30 31	0 3 0 1 0	2.54 2.97 1.98 3.12 2.31		.84 .80 .68 1.11	7	1.0 6.0 3.0 2.0 2.5	8 5 2 9 5	1 20 20 1	1 :	5	2 0 3 0 2 0 2 2 2 0
SUNSURY TOWER CITY 1 S WILLIAMSPORT WB AP	36.4 35.3 34.8	16.6 15.3 17.4	26.5 25.3 26.1	- 2.7	54 52 53	16	1 2		1186 1223 1198	0	12 12 14	31	0 0 0	2.87 2.71 3.10		1.06 .99 .92	16	2 • 3 1 • 3 6 • 1	5 3 4	20	+	5	2 1 2 0 3 0
DIVISION			25.9	- 3.5										2.70	•00			3.0					
UPPER SUSQUEHANNA																							
AUSTINBURG 2 W CANTON 1 NW DIXON EAGLES MERE LAWRENCEVILLE 2 S	33.0 31.4 35.1 29.2 33.8	12.9 12.9 13.1 11.9 15.1	23.0 22.2 24.1 20.6 24.5	- 1.6	52 52 53 50	7 3 16+ 7	- 4		1294 1323 1261 1370 1253	0	17 18 16 20 14	31 30 30	4 6 5 6 2	2 • 46 2 • 33 2 • 99 3 • 91 2 • 11	3	.66 .81 1.26 1.39 .74	16 7 16	6.5 7.3 3.5 5.0 3.0	4 3 8 8 2	3	+ -	4	3 0 2 0 2 1 3 2 1 0
MONTROSE TOWANDA 1 ESE WELLSBORO 3 S	30.3 35.4 30.1	11.7 14.6 11.9	21.0 25.0 21.0	- 2.4	48 52 51	2 154	·   - :	31 31 31	1357 1232 1356	2 0	19 14 19	30	1 3 5	3 • 6 9 2 • 1 1 2 • 0 8	. 25	1.40	16	7 • 0 2 • 2 7 • 5	7 4 4	27	1	3	3 2 2 0 2 0
DIVISION			22.7	- 2.4										2 • 71	.49			5 • 3					

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	Y I			Tem	pero	ure				_							Precip	pitation					
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Station	e E 2	9 E	98	Narmal	ŧ		_		a Days	M	σx.	M	lin.		Departure From Narmal	st Doy			Depth		Mare	Mare	. More
	Average Maximum	Average Minimum	Averoge	Departure Fram Narr	Highe	Date	Lawest	Dote	Degree	90° or Above	32° or Bolow	32° or Below	)° or 3elow	Tatel	Depart From P	Greatest	Date	Tatol	Max. [ on Gro	Dote	.10 or	.50 ar	1.00 or
CENTRAL MOUNTAINS					_	_	_	_		_									~ 0			-	
BELLEFONTE 4 S	35.8	16.1	26.0			23	- 4		1204	0		30		2.19		•68	16	2.0	2	20	5	2	0
DU 80IS 7 E EMPORIUM 1 N	31.5 30.7	9.6	22.7 20.2		50 50	22	-10 - 5	31	1307 1380	0	16	31	8	2.92 3.25		1.04	26 27	7.0 9.5	5	21+	9	3	0
LOCK HAVEN MAOERA	35.2 31.9	14.9	25.1 22.5	- 4.3	53 52	7 23	- <sup>1</sup>	12	1231	0		31	5	2.56 2.76	- •01	•75 •85	27	5 • 0 5 • 4	4	21+ 3+	6 8	1	0
PHILIPSBURG FAA AP	30 • 2 36 • 2	12.4	21.3 25.3		50 53		- 6		1347 1225	0		31	4	1.68 2.75	•29	•44 •83	26 27	5.0	3 4	4+ 21	6	0	0
RIOGWAY 3 W STATE COLLEGE	32.3	12.5	22.4	- 3.5 - 3.0	50		-14	12	1312	0	13		7	3.15	38	•57	15	9.1	4	3+ 21+	8	3	0
OIVISION			23.5	- 3.3										2 • 62	20			5.9				~	•
SOUTH CENTRAL MOUNTAINS																						ĺ	
ALTOONA HORSESHOE CURVE	34.3	16.6	25.5	- 3.0	54			10	1217	0		30		2.54	- •69	.43	6	4 • 8	3	20+	8	0	0
BURNT CABINS 2 NE EBENSBURG	39.5	18.8	29.2 23.6	- 3.3	58 51		- 3 - 6	11	1104 1277	0	15	29	4	.96 2.37	- 1.12	• 20 • 45	20	6+1	7	2+	7 8	0	0
EVERETT 1 SW HUNTINGOON	36.0 37.1	18.2 17.2	27.1 27.2	- 2.8	60 59			12	1168	0				1.83	86	•87 •52	7 7	2.5	3	20	5	1	0
JOHNSTOWN	35.7	18.5	27.1	- 3.7	54	5	- 1 - 1		1163	0				0 2.38	- 1.26	•92	22	6.9	4	20		2	0
KEGG MARTINSBURG FAA AP	36.8 35.5	18.0	27.4 27.7		58 57		2		1156	0			0	0 1.76		•57	6	4.3	2	21+	5	1	0
OINIZION			26.9	- 2.6										1.89	- 1.09			4.5					
SOUTHWEST PLATEAU																							
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE	35.9 32.7	18.0 16.1	27.0 24.4		61 57	27 27+	- 7 - 9		1174	0		26 27	3	3.70 3.44		•70 •69	26	10.8	9	31+ 3+	12	3	0
8URGETTSTOWN 2 W 8UTLER	35.4 35.6M	13.7 13.4M	24.6 24.5M	- 5.8	62 59		- 8 - 7	12+	1245 1267	0	11	31		2.67 2.82	14	•82 •99	27 27		3	20	6 7	2	0
CLAYSVILLE 3 W	37.3M	15.3M	26.3M	- 4.8		26	-10		1200	0		27	5	2.82	25	•64	22	3.4	2	21+	7	2	0
CONFLUENCE 1 SW OAM OONEGAL	36.9	15.6	26.3		63	26	- 9		1193	0	13	29	3	2.82		1.54	22	12.0	3	31+	8 7	2	0
OONORA FORO CITY 4 S OAM	40.6 35.5 35.3	14.4	27.8	- 6.5	65 59 55	27	-10 - 5 - 5	10	1147 1237 1208	0	12		4	2.80 2.97		•94	27	5 · 8 4 · 0 5 · 3	2 2	20 21+ 21+	6	2	0
INOIANA 3 SE  MARION CENTER 2 SE	31.4	16.4	25.9		54	26	- 8		1293	0		İ		3.57		1.11	27	7.6	6	3+	7	3	1
NEW CASTLE 1 N NEWELL	36.0	17.3	26.7 29.6	- 3.3	57 63	27	- 6 - 3	10	1181	0	13		4	3.12 3.65	•26	•92	27	4.4	2	21+	7	3	0
NEW STANTON PITTSBURGH WB AP 2 //R	38 • 4 34 • 5	16.7	27.6	- 2.7	64	26	- 5	12	1155	0	11	30	4	2.33	64	•79 •87	22	4.0	2	21+	6	1	0
PITTSBURGH WB CITY R	37.5	21.1	29.3	- 4.0	63		- 1	10	1100	0	ĺ		2	2.62	20	.89	26	3.8			5	2	0
PUTNEYVILLE 2 SE OAM SALINA 3 W	33.6 36.5	9.3 16.7	21.5		58 60	27+	-12 - 5	10	1344	0	14			3.27 2.53		•73	27	7 • 2 3 • 0	5 2	3+ 20+	8 6	2	
SLIPPERY ROCK STOYSTOWN	33.8 33.6	16.7	25.3		54 57		- 7 - 6	10	1226 1254	0	15		4	2.75 2.57		•76 •40	16	5.7	2	31+	10	0	0
UNIONTOWN WAYNESBURG 2 W	40.6	21.5	31.1 28.0	- 2.9 - 4.6	65 67	26 26	- 2 - 9		1046 1142	0		24	4 5	2.58 2.89	69 19	•58	22	3.5 6.3	2 3	2+	6	1	0
DIVISION	3767	10.0	26.2	- 4.5	0,	20		**	1172		12	- '		3.01		•,,	'	6.0		20		-	
NORTHWEST PLATEAU																							
BRAOFORO FAA AIRPORT	28.9	9.7	19.3		51	26	-11		1408	0		30		3.75		.70	8		4	20+	8	4	0
BRAOFORO 4 W RES BROOKVILLE FAA AIRPORT	30.5	9 • 2 13 • 0	19.9		52	27 26	-11 - 7	12+	1394		17	31	9	3.27 3.20		•79 •88	26	5.0	5	31+	8	3	0
CLARION 3 SW CLERMONT 4 NW	26.3 29.8	9.4 12.0	17.9 20.9		48	26 7	-14 -15		1456 1365	0	120	31	8	3.44 3.49		1.10	27	5.0 13.0	6	3+ 3	8	2	0
CONNEAUTVILLE	31.5	12.7	22.1	- 4.3		27 27+	-10	31 31+	1321			30		2.74	•04	.58 .87	7	14.5	5	3+ 30	7	2	
CORRY COUGERSPORT 3 NW EAST BRAGY	29.2	8.3	18.8	- 4.5	48	22		13+		0	19	31	8	2.79		•80 •94	27	9.6	4 2	31+	8	2	0
ERIE WB AIRPORT	31.7	16.1	23.9	- 3.4		26	- 2		1266			31		3.30	•63	•79	26	9.5	4	3	7	4	0
FARRELL SHARON FRANKLIN	35.2 34.1	20.6	27.9	- 2·1 - 2·7		26 26	- 6 - 7	10	1140		14	25 29		3.46 2.99	07	•73 •81	26 27	6.5	4	20	6	3	0
GREENVILLE JAMESTOWN 2 NW	34 • 1 31 • 2	15.5 11.9	24.8 21.6	- 3.6	55	27+ 27	- 8 -12	31	1240	0	19	29 30	8	2.70 3.08	•32	•67 •87	26 7	5.9 5.2	3	1 31+	6	2	0
KANE 1 NNE	30.0	9.0	19.5			23			1404			31		3.96		1.12	27	8.0	6	3	8	3	1
MEAOVILLE 1 S MERCER 2 NNE	30.9	13.6	22.3	- 4.5	55	27	-10		1318	0	13	30	4	2.88 4.82	03	•69	27	9.5 3.0	3	3+	11	5	0
TIONESTA 2 SE OAM TITUSVILLE WATER WORKS	32.2 29.5	9.1	21.2	2.6	56 52	26	-15		1352	0		31	7	3.19 3.05	20	•90	15	12.0	5	2+	7	2	
WARREN	32.9	14.5	23.7	- 3.9	54	27+	- 7	10	1271	0	14	29	5	3.14	•28	.82	16	7 • 6	3	31+	10	3	0
OIVISION			22.01	407										2000	.27			3					

PENN', YL VANTA JANUARY 1162

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Station	Total	1	2	3	4	5	6	7 T	8	9	10	11	12	Day 13	of Mont		6 1	7 18	3	19 2	20	21	22	23	24	25	26		28   2		0 3	
ACMETONIA LOCA 3 ALLENTOWN WB AP R ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENDISVILLE	2.61 2.90 3.38 2.54 2.36	.02 1 .01	1	*01 T		.02 T	.43	.33 .12 I.46 .42 I.04	T •01 •01	T T T • 03	T T T				• f	31	53 54 68			.02	•12 •02 •50 •11 •10	Т	.40 .11 .14 .32	.11 .04 .07 .06	ī	T T	.35	.88 T .28 .29		.02 .07	06 03 04 27 06	T .
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAR GAP	2.46 3.70 4.21 3.DD 3.D3		.03	.04			.16 .29 .20 .48	.55 .04 .75 [.11	10° 7°°	T •03 •06		1				51	.02 .04 T	. 1			.19 .31 .10 .06		.08 .40 .35 .04	.02 .20 .10			•70	.66 .64 1.00 .34 .18		.24 .05	.09 .37 .20 .03	. () P .
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 5 BERNE	2.62 2.42 2.63 2.19 2.7D	T T	Т	.01			• 23	.34 .59 1.18 .6D	•04 •02 T	•06	T	Т	T		T T		.49 T .74 .55 .68				.18 .15 .05 .15	T T	.17 .05 .09 .09	.03 .02 .02		•02	Ť	.95 .36 .21 .40 .33		.03 T	.06 .03 .05 .04	*04 * T * T *
BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N	2.54 2.71 2.67 3.44 2.24	•01 T	.10	10.		T .24 T	.75 .26 .72 .26	.46 1.41 .01 .45	.01 .41 .19	T T .04	T					53	.52 T .77			.21	.07 .01 T .21	T	.12 .12 .69	.02 .05 .21 .06	Т	T .01	•20 •24 •32	.08 .26 .30		•09 •18	.03 .13	T .
BOSWELL 1 SW BRADDOOCK LOCK 2 BRADFORD FAA AIRPORT BRADFORD CNTRL FIRE STA BRADFORD 4 W RES	3.31 2.70 3.75 3.23 3.27	•D3 •O4 T T	.02 T T	•D1 T •01 •02 •03	T T	.06	•29 •15 •60 •21 •30	.48 .36 .28 .81	T T •70 •02 •07	.07 .02 T	T • 03	T T				54	.47 1 .55 T 1 .71 1	T T T		•12 T	.29 .15 .06 .13	T .04	.44 .50 .45 .26	.36 .13 T .06		.02 T	.60 .50	.57 .72 .01 .74	τ	.03 .07	.04	.08 . .01 . .05 . .02 .
BREEZEWOOD BROOKVILLE FAA AIRPORT BRUCETON 1 S BUFFALO MILLS BURGETTSTOWN 2 W	1 • 73 3 • 20 2 • 58 D1 • 82 2 • 67	•01	.01 eDs	.01		.14	.57 .20	.07 •	•71 •04 •59	.01 .04 .07	T	Т				05	T • 46 • 43 • 42	ī		.09	*12 *04 * *16 *21	•01	.26 .46 .67 .02	T .10			•88 •04 •02	.15 .82	*22 T	.51		.02 .
BURNT CABINS 2 NE BUTLER CAMP KLINE CANTON 1 NW	.96 2.82 2.37 2.33		Т	• 05		T	.10 .25 .15 .09	.10 .22 .61 .65		т						0.5	.65 .56 .81			Т	•20 •12 •15 •22 •09	T T	•13 •29 •12 •04 •10	.06 .08 .05			.13 .02	•12 •99 •58 •38	т	.01 T T .05	.12	.01 . T .
CARLISLE  CARROLLTOWN 2 SSE  CARTER CAMP 2 W  CEOAR RUN  CHAODS FORD  CHAMBERSBURG 1 ESE	2.89 3.39 3.43 3.62 2.0D	Т	T T T	• 01 T T	ĭ	T	.25 .13 .06 .49	•51 •81 •75	.02 T	•02 •04 •03	T				т.		.40 .72 .80 .73	Т		.05	.12 .23 .25 .01	T	.56 .25 .25	•16 •20 •20	Т	.02	• 02	.65 .91 .95 .91		•02 •05 T	.05 T	.04 . T . .14 .
CHARLEROI LOCK 4 CLARENCE 1 E CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W	2 • 63 2 • 50 3 • 44 2 • 94 2 • 82	T	† <sup>12</sup>	*01 T			.08 .12 .21 .12	.60 .40 .45	*02 T *04	.03 T .01	Т			Т	т		.44 .51 .76 .55		т		•17 •15 •12 •05 •19	T T	.38 .27 .41 .13	• 38 T • 24 • 06 • 22		T	T	.43 .78 .97 .34		T .04 .01	.07 .11 .18	.04 .
CLEARFORD 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW OAM CONFLUENCE 1 NW	1.85 3.49 2.48 2.62 3.18	.06	.06 .03	T • 09	•04	т	•10 •03	.08 .60 1.30	*07 *10 T	.09 .06	*07 *03 *01 T	Т			ī		.32 .55 .55 .38	.05 T	Т		•21 •16 T •18 •21		•22 •27 T •10 •17	.04 .11 .55 .54	т	T T	•02	.21 1.10 .18 .44 .39		.05 .04 .02	.08 .22 .10 .15	.12 . .06 . .02 . .05 .
CONNEAUTVILLE CONNEAUTVILLE 6 E CONNELLSVILLE CONSHOHOCKEN COOKSBURG	2.74 3.11 2.94 2.45 D3.93	T .05	.07	T •02 •01	т		•12 •20 •06 •38	.58 .63 .89	•02 •02 •04 •76	T • 05 T	T T					30	•44 •42	T .01	T •01		*05 *04 *10 T	Т	.46 .42 .05 .04	.04 .10 .68 T	T		*04 T	.54 .60 .40 .19		.03 .01	.14 .17 .11 T	10 •10 •10 •05
CORAOPOLIS NEVILLE IS CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 W5W	2.31 3.43 2.79	.01 T	T •02 T •D1	•02			• •29 •13 -	•66 •11	•05 •05	T •04 •20		• 02				07	•37 •02 •46 •10 •76	.03	т	•01	* •04 •10 •22 •10	•02	.47 .55 .15 .22	• 03 • 06	Т		.48	.89 .38 .80 1.10 .40	T	.03 .05 .04	.01 .25 .16 .23	.03 .16 .15
CREEKSIDE CRESSON 2 SE OANVILLE DEVAULT 1 W OIXON	3.12 2.67 02.78 2.99	т	•D4	• 02 T	!	т	•22 •22 1•91 •17	. 26 . 98	T	T •08						52 07	.60 .35 .90			0.05	.23 .20 .10 T		.60 .28 .09 .02	• 25 T			· 23	1.00 .40 .34		T # T T	T • 20 • 04 T	.12
OONEGAL DONORA DOYLESTOWN DU BOIS 7 E DUSHORE 2 SSW	4.24 - 2.31 2.92 3.21	T T	.03 T	т		T T	.21	.52	•02	D.03		.03					T 1 • 3 1			•17 •02	.02 .08 T .16			T	* 0 3 T * 0 5		.60 .11 .04	.30		•11 •02 T •07	•11 •07 T •16 •04	•02 T
EAGLES MERE EAST BRADY EBENSBURG EDINBORO EMPORIUM 1 N	3.91 3.93 2.37 3.35 3.25	7 T	T	T T T	т	Т	•11 •30 •22 •20	•2D •37 •48	-11	T .20						7 . 94 . 47	.32	T	. 20	T T	•20 •12 •24 •30 •23	T • 17 T T	.04 .47 .27 .44	.21 T			•59 T	.70 .20 .45 .30 1.04	•32	1 •12 •07 •04	.15 .51 .14 .20	.08 .40
ENGLISH CENTER EPHRATA EQUINUNK 2 ERIE WB AIRPORT EVERETT 1 SW	2.97 1.03 3.60 3.30 1.83	0 T	.15	T +01	Т	.07	•10 •35 •56 •70 •02	.45 1.20		.03	T •01	т				• 05 • 08 • 55	.80 .48 .01 .49	Т	Т	.05	.20 .02 .07 .02	•01	.18 .05 .29 .51	.01			• 03	.81	•01	.07	.09 .06 .08 .13	.03
FARRELL SMARON FORD CITY 4 S DAM FRANKLIN FREELAND GALETON	3.46 2.80 2.99 1.27 2.62	7 T	* 01 T	T • 02	2		•45 •17 •23 T	•39	•04	• 02 • 05		Т	т			•65 •02 •05	.53 .69 .48 .71		т	.07 T	.02 .14 .06 .08		.63 .38 .38	.14	Т		.73	.04 .94 .81 .20		.05 .02 T	.30 .07 .03 T	•02
GEIGERTOWN GEORGE SCHOOL GETTYSBURG GLEN HAZEL 2 NE DAM GLENMOORE	2 • 3 6 2 • 7 4 2 • 4 5 3 • 7 7 2 • 4 1	• • D1 5 T 7 • O3		. •02	2 T	Т	•24 •30 •16	1.78 1.78 1.25 .61	•02	•03	T T	•01	1			.08	.47 .42 .56 .59	Т	т		.03 T .10 .12	Т	.05 .03 T .36	.03		t T	3 T	.18 .15 .08 1.20		T •05	.01 .02 .03 .21	.04
GLENWILLARD DASH DAM GOULOSBORO GRATERFORD GRATERFORD 1 E GREENSBORO LOCK 7	2 • 2 6 3 • 0 2 • 1 2 • 1 2 • 6	2 8 8	Т	T T		т	• 38 • 27	3 .21 9 1.39 3 1.15 7 1.37 3 .63	7 T	T T	T					T • 04	.45 .91 .42 .32				•12 •02		.27 .04 .03	.00	7		• O !			*01 T	.03 .04	.03
GREENVILLE HANOVER HARRISBURG WB AP R HARRISBURG NORTH HAWLEY	2 • 7 · 2 • 3 · 2 • 1 · 2 • 2 · 2 · 2 · 6 ·	0 5 T 8 • 02	т	т	.01		1.00	4 .40 0 1.09 6 .12 2 .59 9 1.34	Т	T T • 01	T					.45 .01 .60 .10	.47 .62 .67			.06	.05 .07 .02 .10	T .0:	04 04 03	• Т В	Т		•1	•12 6 •24 •29		.06 .01	*11 *04 T *04 *06	.01
HOLLISTERVILLE HOLTWOOD HOMESOALE 4 NW HOMEY BROOK 1 W HOP BOTTOM 2 SE	2 • 6 2 • 1 3 • 2 D2 • 4 3 • 6	5 3 T 4 T		T + O	1 7		•10 •3! •2	5 1.27 8 1.43 5 1.36 7 1.22 7 1.47	3 T 3 • 0 3	Т	· 0!					•03 •04 T	.64 .39 .46 .47				•05 •04 •06 •03	.0	.02	2 .0		т		•34 •10 •61 •19 •73		T		.03 D.13
HUNTINGDON HUNTSDALE HYNDMAN INOIANA 3 SE JAMESTOWN 2 NW	1.8 2.3 1.3 2.9 3.0	7 T 4 7 +0	2 T	•0	1		• 3 • 2 • 1 • 1	5 •66 3 •35 6 •35	6 5 9 T	T • 01 • 05						T T	.44 1.07 .34 .47	Т	•01		•18 •08 •16 •17 •05	.0	.0: .0: .0: .0:	5 .0 2 .0 9 .0	1 T	T T	.0		T T	.01 .01 .03	.06	T
JERSEY SHORE JOHNSTOWN KANE 1 NNE KARTHAUS KEGG	2.8 D2.3 3.9 2.9	8 6 T 2 T	т	• O	14 Т		•2 •1 •2 •5	2 .9	0 5 • 0:	•00 •10 •00	4	т				T .38	.66 T .72 .55	Т	Т	.19	•17 0•39 •12 •16 0•33	2 T	•1: •9: •2: •2: •0:	2 •1 4 •2 9 T	3	т	•0	1.12		.02 .10 .04 T	•18	.11

Continued

PENNSYLVANIA JANUARY 1962

Station 5 6 7 10 11 12 13 14 15 16 18 19 20 22 23 24 KITTANNING LOCK 7 KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA • 96 • 45 • 28 • 31 .05 .03 .05 .01 .07 •02 •13 •16 •22 •25 •60 .05 .87 .68 .60 .01 .02 .14 .04 T .21 •02 .26 T .07 .06 .21 T T .20 .03 .05 MADERA MAHAFFEY MAPLE GLEN MAPLETON DEPOT MARCUS HOOK 2.76 3.45 2.41 1.60 2.88 .47 .34 1.31 .53 •10 •11 •04 •02 •16 •12 •03 •05 •02 •04 •02 T •12 MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS 3.57 1.45 2.91 1.71 02.29 .41 .01 1.44 .79 \*01 T .55 .19 .01 .08 .03 •56 •12 •72 •55 .12 T MC CONNELLSBURG .01 T •48 .01 .03 MEAOVILLE 1 S MEOIX RUN MERCER 2 NNE MERCERSBURG MEYERSOALE 2.88 3.05 4.82 1.78 2.52 •53 •43 •62 •47 •31 •38 •32 •60 •02 •07 •12 •18 •15 T . 21 .03 .02 .10 T .14 .15 .15 .02 •10 .0 .09 MILANVILLE MILLHEIM MILLVILLE 2 SW MILROY MONTROSE 3.54 2.44 3.12 2.52 3.69 T T •04 •07 •06 •17 •10 •07 •04 •63 •40 •46 •40 .07 .12 .05 .16 .04 T T T MORGANTOWN MT GRETNA 2 SE MYERSTOWN NATRONA LOCK 4 NESHAMINY FALLS 1.50 1.76 .30 .14 1.89 .07 .05 1.28 .29 2.35 2.71 2.71 2.60 2.90 .07 .10 .10 .32 T .04 T .01 •14 •18 •11 •11 • 30 • 95 •15 NEW CASTLE 1 N NEWELL NEW PARK NEWPORT NEW STANTON •05 •40 T .62 .45 .41 .84 .05 .10 T T •10 •20 • 92 • 40 .08 • 15 • 24 .04 .85 T •06 .02 .79 . 24 .04 .20 NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW PALM 1 • 24 • 64 • 41 1 • 34 • 24 • 43 • 17 • 57 • 72 1 • 23 •11 •01 •52 .09 .01 .16 T +31 .47 .25 .77 .01 .02 PALMERTON PARKER PAUPACK Z WNW PHIL OREXEL 1NST OF PHILAOELPHIA W8 AP .09 .27 1.62 .10 .20 .49 T .01 .03 .19 .04 .01 •42 .01 .01 T •01 PHILADELPHIA PT BREEZE
PHILIPSBURG FAA AP
PHOENIXVILLE 1 E
PIKES CREEK
PITTSBURGH W8 AP 2 \*11 \*01 \*04 T • 46 • 32 • 38 • 05 • 43 •15 •44 •22 .01 .08 .01 T .01 .05 .01 .05 .03 . 67 7 .18 .87 PITTSBURGH WB CITY
PLEASANT MOUNT 1 W
PORT CLINTON
POTTSVILLE
PUTNEYVILLE 2 SE DAM •03 .49 T .04 .52 .06 .12 .08 .02 .05 .09 .08 .07 .12 .05 .02 OUAKERTOWN 1 E RAYMONO READING W8 CITY RENOVO REW .04 .02 .01 T .08 .18 .07 .22 •15 •18 •02 •19 •10 .01 .07 .04 T ·18 T •04 •02 •02 •06 .04 .62 •20 .58 .67 .83 .93 ·11 •05 T RICES LANDING L 6 RIDGWAY 3 W RUSHVILLE RUSSELL SAGAMORE 1 S .55 .48 .78 .54 .36 T .69 .64 .06 .17 .07 .20 •37 T .02 . •06 T T • 05 SALINA 3 W SAXTON SCHENLEY LOCK 5 SCRANTON SCRANTON WB AIRPORT 2.53 1.95 2.59 02.02 2.67 .42 .58 .25 .92 .13 .21 .81 .48 .04 T 0.05 0.05 0.05 .01 •60 T •02 .03 . 27 .01 Т .88 .04 SHAMOKIN SHIPPENSBURG SINNEMAHONING SIZERVILLE SLIPPERY ROCK T T .02 .02 •71 •66 •18 •15 •24 1.59 .32 .62 .66 04.00 2.11 2.95 3.47 2.75 .08 .10 .18 .22 •16 •08 •20 •29 •40 0.05 T 2 .10 2 .1 .02 .87 .86 .06 .04 •15 •10 •12 .04 • O Z SOMERSET FAIRVIEW ST SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STOYSTOWN .25 .73 1.42 .58 •25 •56 •39 •29 •27 .40 .80 .42 .66 .15 .25 .07 .07 .38 . 03 T T T T •11 •28 +04 .01 .30 STRAUSSTOWN STROUGSBURG STUMP CREEK SUNBURY SUSQUEHANNA 3.02 3.78 2.57 2.87 3.52 .41 1.34 1.70 .30 .18 .26 .34 .80 .08 1.24 .09 .10 .07 .10 .10 .04 .15 .08 •01 •02 •01 .58 .02 T .06 .03 .10 .12 •02 .01 TAMAQUA TAMAQUA 4 N OAM TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TOBYHANNA • 34 1.26 • 05 2.44 • 21 .49 • 40 .24 • 96 .66 .05 0.05 .10 .02 .08 .07 .14 .10 3.26 .05 .04 .41 3.19 3.05 2.06 .01 T •02 TORPEOO 4 W
TOWANDA 1 ESE
TOWER CITY 1 S
TROY
TURTLEPOINT 4 NE .50 .70 .94 .63 .02 .07 .10 .14 .08 •04 •13 2.28 .45 .02 .03 •01 .02 TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN VANDERGRIFT VIRGINVILLE .65 .39 .47 .44 .40 .94 T .54 .02 .59 .52 .57 .59 .82 .68 T •03 T

ee reference notes following Station Index.

								1	JA	LL	I		ZE,		PI.	IH	11	OI	ч											PEN	NSYLVA	NIA
Continued																														JAN	UARY 1	962
Station	Lal													Da	y of	Month																
Station	To	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WEST GROVE 1 SE WEST HICKORY HMITESBURG BILKES BARRE BILLIAMSBURG	2.66 3.65 2.73 2.23 3.24	•02		•02 •09			•20 •17 •14		* 0 5 T	.05 .14 T						• 1 o	.68 .85 .44 .63				.02 .08 .14 .05	ī	.40	1 •17 •09 •05 •29		.01 T	T	.21 .84 .76 .35		.04 .05 T	1 2 2 T	T .
HILLIAMSPORT WB AP HOLFSBURG YORK 3 55M PUMP STA YORK MAYEN ZION GROVE	3.10 1.62 2.30 2.08 3.00	T T • 02	T	T		.08	+25		Т	* 02 T T	т					• 92 • 39 T • 05	.49			.10 T	•13 •15 •05 •09		.02 .01	T •02 •07	.01	.02	• 55 T • 11	.15	T	.07 T .02	.04	.02 .
ZIONSVILLE 3 SE	2.52	-01					. 38	1.16	-01	Т						T	.48	3			.02		.04					+41			.01	

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numl	per of da	ys with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	0109	.10-49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN WB AIRPORT	WSW	17	11.0	42++	W	30	78	78	60	67	6	7	4	0	1	0	18	_	6.8
ERIE WB AIRPORT	SW	23	15,5	39++	sw	7	75	76	68	74	7	11	3	4	0	0	25	_	8.0
HARRISBURG WB AIRPORT	₩	18	7.8	32	NW	30	73	74	56	63	8	5	2	1	1	0	17	41	7.0
PHILADELPHIA WB AIRPORT	₩S₩	14	9.6	33	NW	30	72	73	58	65	7	8	1	1	0	1	18	53	6.7
PITTSBURGH WB AIRPORT 2	WSW	22	11,1	32++	SW	7	72	74	62	66	9	7	5	1	0	0	22	44	7.5
READING WB CITY	-	-	10.8	47	NW	30	-	-	-	_	3	7	2	1	1	0	14	45	6.6
SCRANTON WB AIRPORT	SW	19	9.7	40	SW	15	71	73	58	62	12	6	2	1	1	0	22	44	6.8
WILLIAMSPORT WB AIRPORT	W	18	8.9	31++	WNW	30	69	72	57	60	5	7	4	3	0	0	19	-	6.9

												- 11								_				-						-	JANUA	RY 1	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALLENTOWN W8 AP	MAX	33	28	34	40	26	38	53	43	27	20	25	29	34	41	57	39	35 16	26 12	30 13	31 19	34	43	44 21	35 16	49	40	43	27 17	26	38	22	35.2 17.5
ALLENTOWN GAS CO	MIN	18	32	30	37	15	33	56	49	45	27	20	26	31	35	32	57	38	35 12	27	30	32	36 17	45	36 17	36 19	50	45	48	27		39	37.3
ALTOONA HORSESHOE CURVE	MIN	31	26	41	50	37	34	32 40 31	31	23	12	17	23	30	12 42 10	14 43 25	40	27 18	28	24	29	30	54	53	47 15	47 32	39	26 · 51 · 26	21 28 16	18 24 16	18 38 11	20	17.3 34.3 16.6
ARENOTSV1LLE	MAX MIN	34 10	12 35 13	33 13	36 40 21	27 52 24	29 32 23	45	22 47 29	42 18	25	- 3 16 4	24	29	33	40	49	37	35 14	31 16	27	34	34	50	40	39 25	55	47	42	26 16		50	37.1 18.8
AUSTINBURG 2 W	MAX	31	30	27	38	42	35	52	34	36 12	30	15	20	27	29	40	42	31	21	22	23	26	47	52 19	28	42 26	42 19	45	32	20		30	33.0
8AKERSTOWN 3 WNW	MAX	33	28 18	38	50	51	50	53	33	24	13	14	21	27	46	48	41 25	30	22	24	27	36 13	50	51 17	41	44	46	61	29	28	37	17	35.9
BELLEFONTE 4 S	MAX	36 19	34	27	45	45	39	47	45 32	44	21	12	19	22	31	42	45 21	40 18	26	27	24	34	44	56 20	30 15	44	45 28	47 31	35 19	26 16	39 21	39	35.8 16.1
8ERWICK	MAX	34	30 1	35 14	39 21	33	45 29	56 33	45 31	37 20	23	21	23	29	44	56 33	44	32 15	27	27 12	32 21	30 12	45 27	46 22	40 14	47 23	41	43	3 2 1 9	25 14	42		36.4
SETHLEHEM LEHIGH UNIV	MAX	34	24	30	38	24	35	48	39 34	33	26 21	21	22	28	37 19	54	44	36 28	28	25 22	27 24	28 22	45 28	44	32 26	41 30	39 28	40	30	26 22			33.4
BLAIRSVILLE 6 ENE	MAX M1N	25 18	21 15	35 17	44	38 31	48	45 27	30 17	19	6 - 9	11	18	27	46 23	43	31 19	22 12	23	23 1 I	24 17	41 17	50	41 16	45 17	43 28	57 33	57 18	26 15	26 13	33		32.7
8LOSERVILLE 1 N	MAX	34	35 18	33 21	40	50 22	33	41	49 29	39 17	25	18	24	30 10	32 18	41 19	47	38 24	30 17	36 14	32 15	35 14	34 22	52 30	38 18	44	54 31	50 35	40	26 16	36 18		37.5 18.9
BRAOFORO FAA AIRPORT	MAX M1N	32	19	35. 19	36 20	34 20	44	43	28 15	16	8	13	20 - 3	23	43	40	25 16	21	17 - 2	17	20	36 3	47 24	24 12	44	39 26	51 23	35 11	20	24		11	28.9
BRAOFORO 4 W RES	MAX MIN	28	21 ~ 3	35 18	37	35 18	38 30	47	30 15	18	10	15	21	26	45 7	41	34 16	25 6	18 - 5	18	22	32	48	37 12	46 7	39 27	40 19	52 15	22	21	30 6 -		30.5
BROOKVILLE FAA AIRPORT	MAX	29	22	38 23	41	39 29	48	40	32 20	20	10	14	20	25	47 11	43	30 22	23	22	20	24	40 8	49	26 16	46 12	42	55 23	39 16	26 14	29 15		15	31.9
BURGETISTOWN 2 W	MAX	35	31 17	30	41	50 29	54 32	51 27	33 29	33	14	8 - 5	15	20	31	51	43 25	35 15	25 5	25 8	25 11	29 7	50 23	51 18	29	40	46 23	62 30	35 16	30 15	38 19 -		35.4 13.7
BURNT CABINS 2 NE	MAX MIN	37 26	32 11	45	53	42 26	33 25	50 32	43	37 15	24	22	27 - 3	32	42 15	47 33	48	40	30 11	30 10	34 19	33 10	56 31	5 8 2 8	43	54 32	50 26	47 25	38	27 15	45 10	26	39.5 18.8
8UTLER	MAX	34	31 12	30 18	43	48	50 33	55	27	34	14	9 - 7	11	22		51 15	44	33 14	23	25	25 9		50 15	52 18	28 13	43 21	44	59 31		31 16	37 18	36	35.6 13.4
CANTON 1 NW	MAX	27	29	23	38	38	33	52 32	35 30	37 16	28	16	18	23	28 15	38	42	30 18	28	22	20	25 8	35 10	50 22	26 14	36 17	43 25	42 27	30 11	18		32	31.4
CARL1SLE	MAX	36 23	34 12	36 24	49	35 21	37 23	48 36	41	36 19	23	24	30	33	41 16	47 31	39	36 23	30 15	29 17	31 21	33 16	42 32	49 31	38 19	56 26	37 28	43 27	35 23	30 18	48	25	37.1
CHAMBERSBURG 1 ESE	MAX MIN	35	32	36 22	55	33 21	35 24	45 32	41 27	27 17	17	23	29	32	43	48	38 25	35 23	30 16	31 16	34	35 14	50 32	50 27	39	56 32	38 28	45 28	30	29 18	48 15	25	36.9 19.3
CLARION 3 SW	MAX	23	16	33 16	36 22	35 25	32 29	42 22	25 15	15	1	6 - 6	12	18	39	36 22	29 18	21	14	14	18 13	28	43	32 13	38	34 23	48 17	47 16	19	20 12	27	13	26.3
CLAYSVILLE 3 W	MAX	34 21	26 20	44	54 31	57 29	54 42	55 30	35 21	22	9	15	21	32	54	45	34 21	26 15	27 5	26	29 5	42	52 36			30	64 26	57 26	36 21	34 17		21	37.3 15.3
CLERMONT 4 NW	MAX M1N	36 20	26 10	28 17	32 22	30 21	38 25	44	28	18	10	12	18	28	38	40	28 16	24	20 - 2	18 - 5	28 15	40	43	40 12	42 8	40 24	36 26	38 24	30 18	28 12	28 14 -	14	29.8 12.0
COATESVILLE 1 SW	MAX M1N	35 6	35 16	30 14	39 23	49 23	34 23	55 37	52 32	48	28	18	23	29	36 10	45 11	54 29	38 18	37 14	30 16	3 2 1 8	35 17	38 22	50 35	40 15	34 20	53 23	47 30	46 22	26 16	33 21	49	38.6
CONFLUENCE 1 SW OAM	MAX MIN	37 9	31 20	28	48	52 30	47 33	49	36 32	35 10	18	6 - 5	16	22	3 2 7	50 8	47 25	33 20	28 10	32 11	30 11	27 10	53 17	55 23	32 14	51 20	49 28	53 31	3 5 2 2	31 19		40	36.9 15.6
CONNEAUTVILLE	MAX	32 14	32 1	31 19	40	36 23	45 35	47	31 25	28	11	12	18	23	29 19	47 27	42 21	31 12	17 - 2	22	23	25 5	41 24	37 14	27 9	46 24	46 21	54 25	28 10	23 14	34 16 -		31.5 12.7
CORRY	MAX	31 15		37 22	37 25	41 25	40 35	47 24	29 18	19	11	15		24		41	29 20	23	19 - 4	20 - 4	25 10	35 3	42 31	32 13	46 8	43 26	53 24	53 17	21 11	22 11	32 7 -	12	31.1 12.3
COUGERSPORT 3 NW	MAX	28	23 - 5	34		30 15	43 29		31 17	19		16				39 25	32 16	21	18 - 3	18	22 11	28 5	48 26	37 14	40 8	40 26	37 15	43 15	20	20 9	31 2 -	14	29 • 2 8 • 3
OEVAULT 1 W	MAX	34 25	30 14	37 9	48	29 17	56 16	55 35		28 17	28	22	28	35	42	55 32	40 23	39 16	28 10	30 12	33 18	35 17	50 34	50 20	34 17	50 18	51 18		25 17	28 14	49 12	29	38.4 16.5
NOX10	MAX	30 13	30	26	41 23	40 17	37 20	53	43 30	44 21	26	19	25	25			53			27	24	30 9	38 10		32 12	39 14	45 20		29 15		32 12	40	35.1 13.1
OONE GAL	MAX M1N	29	25 17	47 18		47 31	51 35		38 18	23		17			50 15	48 28	43 21	24 12	28 3		33 14		53 33	3 1 4	36 14	54 28	63 27		29 17		3 8 4	23	36.9 14.9
OONORA	MAX	34	30 14	43	58	56	52 35	59	37 17			16			54 18	51 31	42 18	34 11	30 4	30 18	30 16	40 7	54 31	54 14	46 12	50 30	65 24	65 25	35 12	33 12	41 10	21	40.6
0U 801S 7 E	MAX	29 18	23	35 20	40		38 32		31 21	22	10	13	19	25 - 1	41	42	39 21	27 13	22	20	25 15	30 8	50 29	48 17		41 29	40 20		27 11		33 10 -		31.5 13.8
EAGLES MERE	MAX MIN	22	27 10	23	35 18	34 13	33 18	50 33	35 30	34 14	17	17	16	20	24	39 19	47 18	30 16	25 - 1	20	22	25 12	31 14	43 21	27 14	31 14	43 26		29 10	14	23		29.2
EAST BRADY	MAX	36	33		48	48	43		35 24			19	24		52	45		32	26	24	30 18	38	53 34		47 11	48 31	42 24		3 0 2 5				36.3
E8ENS8URG	MAX M1N	28	23 10	36	43	35	41		30 18			12			43	40	36		24	20	23 15	37 12	51 35	48 17	43 15	44	43	50 22	25 14	25 13	36 7 -		32.2
EMPORIUM 1 N	MAX	28	30 2	24 13		37 20	33 24	48	34	33	15		14			39 8		28 14	20	18	20	25 4	40 11	50 17	25	43 13	41		31 10		35 13 ·		30.7
ENGLISH CENTER	MAX MIN	36 10	35	28	41		34	53	40	38	23	18	21				45		28	26	24	30	34 21	54 26	32	41	47 20				34 15		34.4

DAILY TEMPERATURES

PENNSYLVANIA JANUARY 1962

Station		-					- 7									-	M 1C	- 1												0.5			rerage
EPHRATA	MAX	1	32	3 3 5	4	5	6 4 3	57	8	9 28	20	25	12	36	41	51	16 38	37	30	19 31	33	32	42	40	34	25 51	26	<b>27</b>	31	29		31	36.7
ERIE WB AIRPORT	MIN	23	15	21	27	22	24	37	27	18	12	18	7 23	14	16	31	27	22	14	16	20	17 39	30	31	19	25 36	29 53	30	21	15 32		7	20 • 7 31 • 7
EVERETT 1 SW	MIN	15	15	25	25	25 52	32	27	21	36	20	10	6	18	26 32	24	23	9	24	33	9	15	35	60	33	30	30 54	18	37	13 26			36.0
FARRELL SHARON	MIN	14	19	20	29	29	30 46	34	30	19	3	- 1 21	- 2 27	30	9 52	10	18	24	15 23	15	18	10 38	14	38	47	28	30 57	32 55	21	30			18 · 2 35 · 2
FORO CITY 4 S DAM	MIN	26	21	25	35	35	39	29	23 35	7	- 6 15	- 3 10	5	19	25 27	33 53	25 45	13 33	11 25	10	21	23	38	21 52	30	32	35 45	23 59	19	20			35.5
FRANKLIN	MIN	15	11	19	29	28	34	29	31	10	- 5 11	- 3 16	- 3 22	- 2 27	7	8	31	17 28	22	6 22	6	8	18	20 36	12	18	23 57	29 56	26	17	17 36 1		34.1
FREELAND	MIN	23	9	30	30	28	34	26	22	33	- 7 18	- 2 14	- 1 20	8 .	12 35	30 51	23	13 27	23	3 26	15	23	35 42	18	30	29	39	26 43	15	20	18 - 35 2	21	31.6
GEORGE SCHOOL	MIN	19	10	17	18	14	25	35 56	30	15	2 28	- 1 21	3 26	8 32	15 36	27 45	58	18	3 35	7 28	30	15 34	20	50	15	35	20 49	21	13	10	34 4		15.5 38.5
GETTYSBURG	MIN	35	20 35	12	16	22	26 33	34	36 47	23	26	10	8 23	10	10	19	30	18	36	30	30	35	37	39 52	40	19	22 56	31	43	15 27	31 5	51	18.6
GRATERFORD 1 E	NIM	23	16 35	16	28	25 43	23	31 56	34 51	20	13	6 19	6 25	10	12	29	29 56	37	17 36	19	19	18	25 37	32 50	38	28	31 50	35	23	20	32		37.5
GREENVILLE	MIN	32	15	14	17	19	20	32	33	23	12	18	7 24	8	11	10	33	20	23	20	16	35	15	35 35	17	16	19 55	28	22	15 27			34.1
HANOVER	M1N MAX	19	4	21	28	32	35	24	20	5	- 8 27	- 1	0	9	16	23	53	12 39	6	3	13	19	34	15	15	28	25 56	23	15	17 27	9 -		15.5
	MIN	24	14	16	26	25	25	31	34	24	13	5 23	5	8	11	32	29 38	25 37	17 30	18	19	19	25	35 47	22	26 55	34 38	35 45	25	19 29	20	8	21.6
HARRISBURG W8 AP	MIN	17	13	23	20	21	26	35	27	18	10	6	5	13	15	33	24	20	17	16	17	13	32	22	17	21	26	27	19	19	14 32	9	19 • 2 35 • 6
HAWLEY	MAX	33	34	29 1 39	40 24 47	40 13	30 13 47	45 28 53	24	21	28 10 20	23 5 25	- 1	- 1	3	6	25	16	5	5	4	9	10	27	10	10	17	18	15	12	13	1 27	38.6
HOLTWOOD	MAX	26	19	21	28	27	28	33	30	24	13	9	11	14	17	29	26	21	18	20	23	20	34	26	20	25	29	31	23	18	18	10	22.3
HUN T 1 NGDON	XAM	12	13	31	26	30	29	32	37	19	25	3	- 2	- 2 - 2	8	8	31	26	12	13	13	12	22	28	12	13	23	25	21	16	20	5	17·2 35·3
INOIANA 3 SE	MAX	17	7	23	28	26	50 36	31	35 23	10	10	- 2	20	- 1	50 II	30	21	17	4	6	21	14	36	21	10	30	24	25	17	17	10	0	16.4
JAMESTOWN 2 NW	MAX	10	0	17	26	35 28	33	24	31 24	27	-10	- 9	- 3	- 1	27 16	47 25	20		- 2	- 2	5	9	22	14	10	22	22	26	12	14	16 -	12	11.9
NWOTZNHOL	MAX	22	31 18	33 13	33	54 34	36	34	39 34	39 12	- 1	11		28	12	47	25	20	11	9	17	18	23	24	18	24	31	33	22	19	21	1	18.5
KANE 1 NNE	MAX	13	- 5	24	36 23	34 23	36 26	46	30 24	31	-12	-12	-10	-10	9	10	19		19	19	- 4	23	19	16	23	17	21	26	8	12	14 -	11	9.0
KEGG	MAX	34 20	29 20	48 25	46 30	35 28	35 32	32	38 22	23	12	- 1	0	33	14	48 29	24	30 15	9	10	37 17	10	58	19	12	31	30	24	20	20	8	3	18.0
LANCASTER 2NE PUMP STA	MAX M1N	35 17	31 12	36 15	45 16	27 21	37 22	50 31	48 28	30 22	26	24		35	42 8	56 21	28	38	13	31	20	13	30	31	35 15	17	22	34	38	13	13	6	17-6
LANDISVILLE 2 NW	MAX M1N	29 3	30 9	30 25	36 17	17	34 22	52 34	48 30	22	25 14	12	22 5	26	33 11	23	53	20	36 15	30 15	17	12	20	32	12	36 20	51 25	32	23	16	20	8	18.2
LAWRENCEVILLE 2 S	MAX	32 18	27 4	36 26	40	35 17	38 32	55 33	38 31	31 13	15	21	3 O 2	33	40 20	45 33	22	25 13	26	- 1	13	28	27	20	39 18	27	39 27	22	12	10	10 -	20	33.8
LEBANON 3 W	MAX M1N	33 12	35 17	32 16	35 21	47 19	33 18	51 32	46 34	41 22	24 12	18	23	27 9	33 14	41 22	53 28	37 24	34 13	27 15	27 15	32 18	35 22	45 32	36 20	35 21	50 30	31	21	27 18	19	43	35 • 9 19 • 1
LEWISTOWN	MAX M1N	39 26	36 14	32 20	50 24	50 26	34 27	52 32		43 22	28 11	20		28		45 10		40 21	34 13	30 16	22 14	35 12	33	50 30	36 15	16	50 26	48 28	24	27 19	19	8	37.
LOCK HAVEN	MAX MIN	36 20	35 12	31 18	42 27	41 18	32 26	53 32	30		2	2	1	2	9	9	25		5	7	7	8	12	24	12	13	24	25		17	18	40	35 • 3
MADERA	MAX	30 17	27 7	25 15	40 24	43 26	35 27	31	29	10	- 4	- 6	- 6	- 7	10	16	24	1 /	3	2	4	13	21	20	9	13	20	20	15	10	37 14 -	. 5	1501
MARCUS HOOK		32	25	37 26	31	27	36	40	30	26	13	11	16	19	24	39	31	24	20	25	21	21	38	46 30	34 26	55 30	47 37	49 30	2 8 2 4	32 20	48 17	27 12	39.0
MARION CENTER 2 SE	MAX	27 13	2 <b>2</b> 7	37 19	42 31	39 29	48 33	26	19	6	- 8	- 5	19 - 3	5	19	29	20	10		,	10	10	100	13	14	28	25	23	13	13	34 7 -	. 7	14.
MARTINSBURG FAA AP	MAX MIN		28	47 25		32 30	34 31	42 37	38 24	24 12	12	18	25	32 11	44 19	46 34	34 26	29 14	30 12	24 12	30 14	37 14	57 36	41 23	46 21	50 33	54 30	48 25	26	28 20	42	22	35.
MEAOVILLE 1 S	MAX M1N		30 4				43 34	46 26	31 25	30 6	- 11 - 7	10	16	21	27 18	45	42	31 13	18	20	22	24	43 23	43 16	26 11	45 24	44 24	54 28	28 14	23 15	34 17 -	23	30.0
MERCER 2 NNE	MAX		29		41 27	44 30	43 32	27	19	3	- 8	- 5	21	5	16	22	19	7	2		15	0	29	1.4	,	20	20	22	15	15	35 10 -	-10	13.
MERCERSBURG	MAX M1N	35	35 18	33			33		48	43	27	17	23	29	33	43 17	49	38 21	35 16	33 17	29 19	37 15	35 24	52 30	40 20	45 27	56 31	48 33	40	30 18	47 23	49	39.
MILLVILLE 2 SW	MAX M1N		31	26	40	39 20	32	51	41 31	41	22	17	19	22	27	. 1	51	33	29	25	24	30	35	44	32	37	45	42	36	24	29 16	39	33.
MONTROSE	MAX	25	28	23	36	36	33 15	45	39	40	21	14	19	22	26	39	48		23	20	21	25	32	47	25	35	39	40	130	20	26 7 <b>-</b>	32	30.
MORGANTOWN	XAM	33		36	46	30		55	45		29	29		34	4.1	54	42	36	28	30	32	36	48	48	35	49	46	46	31	32 14	45	23	38.
MT GRETNA 2 SE	MAX MIN	34	31	35 15	47	27	53	50	43	27	18	2.5	27	34	40	54	50	36	28	29	33	35	48	46	34	50	40	46	28	27	47 13	23	36.
		20		. 7	29	20	2.2	50	23	. 0			-																				

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30 :	31	Average
NEW CASTLE 1 N	MAX	33	26	41	46	50 31	47 38	51 26	35 21	24	11 - 6	18	24	30 7	50 11	44	35	32	25	24	26 18	36 21	52	40	46	44	54	57 25	28	28 15		20	36.0 17.3
NEWELL	MIN	36	31	38	52	53	52 38	57	37 29	29	17	10	20	25 7	36 13	55 29	43	36	28 13	30 17	30	36	49	52	35	44	50	63	36	30		28	38.0
NEWPORT	MIN	36	35	33	32	31	32	51	47	40	26 12	18	24	28	22	42	47	38	35 14	30	30 16	36 18	37 17	48	36	37 18	50	46 26	41	26		41	36.4 17.4
NEW STANTON	MIN	33	27	47	54	26 53 31	23 59 20	32 45 32	33 35 27	22 24 10	10	11 - 2	23	32	50 15	55	44	34	27	32	29	45	53	36 17	42	48	64	47	31	37 19		22	38.4
NORRISTOWN	MAX	37	18 32 19	39	30 48 28	33	57 32	59	50	31 23	25 13	27 10	30 12	38	46	59	42	39	30	32	35 23	39	53	52	35	52	48	47	29	30	42	26	40.1
PALMERTON	MIN	34	30	33	40	26 17	43	49	41 27	27	20	24	28	33	40	56	39	33	27	28 12	32	32 15	44	46	35	48	43	45	3 6 1 8	26 16		22	35.5
PHIL OREXEL INST OF TEC	MIN MAX MIN	19 35 30	33	15 34 24	20 48 31	35 26	59 33	58	46	31	28	27 14	28	37	42	59	42	39	30 18	30	38 25	37	51	50	36 26	53	4B 38	4B 28	28	29	46	23	39.6 25.8
PHILAOELPHIA WB AP	MAX	35 26	31	35 17	49	34 25	57	57	46 28	30	24	23	25	34	42	57	40	36 23	27 16	30 18	34	38 17	49	49	33 16	51 26	47 26	46	28	29 18		25	38.3
PHILAOELPHIA PT BREEZE	MAX	37	34	37	51	36 28	57 36	56 42	47	32	22	26	30 19	37	44	58	43	37 27	30 21	31 23	36 28	39 28	49	49	36 26	53	50	50 32	31	31 24	46	26	40.0
PHILIPSBURG FAA AP	MAX	28	22	39 19	40	28	42	38	32 17	17	6 ~ 6	13	19	25	36	40	29	21	22	17	25 11	34	50 27	42 15	39	39	48	48 16	22	24 13		15	30.2
PHOENIXVILLE 1 E	MAX	36 18	33	38	48	38	38	57	48	33	26	25	29	36	43	57	52	46 16	31 14	31 14	34	34 14	50	52 33	35 14	51 19	42	46 35	38	30 16	49	32	39.9
PITTSBURGH WB AP 2	MAX	28	26	45	50	52	54	44	34	22	9 - 3	16	21	31	53	44	33	27 10	23	22	23 11	38 11	49 27	27 17	39 14	44	60 30	42 19	27	34 16	36 4 ~		34.5 17.8
PITTSBURGH WB CITY	MAX MIN	31 26	28	46	54	53	58	44	36	24	12	17	22	30	52	46	36	28	27	27	28	45 19	54 32	32 22	43	50 34	63 32	45 23	30	36 19	40		37.5
PLEASANT MOUNT 1 W	MAX	25	22	21	35 19	35 11	32	39 32	39	39	22	15	20	22	25	37	48	30 14	25 - 1	20	22	26	36	43 21	25 10	34 16	36 17	41 18	31	20			29.7
PORT CLINTON	XAM		36 7	34	35 13	45 14	33	31	48	42	25	19	25	29	32	45	54	37 10	36 8	28	2 9 7	31 9	35 14	46 25	37 10	35 16	51 17	45 26	41	27	32 16	40	36.1 12.5
PUTNEYVILLE 2 SE OAM	MAX	32 12	30	27 13	40 21	45	42	51	34	32	15	9 -12	10	20	27	50	1	31	22	25	23	26 10	48 19	51 15	28	47	43	58 25	32	29			33.6
QUAKERTOWN 1 E	MAX M1N	34	31 15	35 11	44	19	22		31	14	25	23	27	33	41	57	46	35 20	30 10	32 11	31 21	32 10	46	48 32	34 11	49	47 19	46	33	29 13		29	36.9
READING WB CITY	MAX MIN	35	31	36 25	46	29	54	57	46	27	22	25	29	35	43	57	40	37 22	29 17	31	32	38	46 37	48 28	36 22	51	41	45 26	28	29 21	42		37.7
RENOVO	MAX	36	37	30 15	44 26	42	34	50	39	40	24	18	22	26	30	45	44	38 18	30	29	26 5	36 7	34 12	53 23	35 11	46 12	49	44	38	28 14		37	36.2
RIOGWAY 3 W	MAX	33	23	36 21	38	38 27	40	48	33	21	10	15	20	25	43	43	39	27	19	20	25 16	34	50	40 18	47	41	47	47	25	25 15	34	16	32.3
SALINA 3 W	MAX	31	25 10	41	51	49	54 37	54	35 22	22	11 ~ 5	15	22	29	52	44	36	29 18	24	27	27	37 8	52 35	43	43 11	46 32	60	60	28	28 17			36.5
SCRANTON	MAX	27	31 11	30	36	40	38	51	43	44	27	20	23	26	30	46	53	35	31	26 10	28	28 13	33	48	34 16	40	46 25	48 25	35 16	24 13		37	35.2 15.7
SCRANTON W8 AIRPORT	MAX	30	25	33	39	34 18	51	53	43	24	18	20	22	28	40	55	36	31 10	24	25 9	27 13	31 11	45	44	36 14	45 28	42	41	21	23 12	37 5	19	33.6
SHIPPENSBURG	MAX	35	32 12	35 23	52	42	33	46	43	34	24	21	28	32	42	46	38	35 25	30 15	28	34 20	32 16	47 29	47 30	40	54 27	49 29	47 33	34	28 17	44	24	37.3
SLIPPERY ROCK	MAX	31	23	38	44	48	44	48	32	22	10	17	22	26	50	42	33	27	22	22	26 17	36 10	50	37	44	43	54 28	54 20	26	26 16	34	18	33.8 16.7
STATE COLLEGE	MAX	35 16	30 15	26 20	45	44	32	52	39 35	37 14	19	_	18	24	30 17	40	43	32	25 10	28	22	29	40	54	30 18	42	45	48	35	24 17		37	34.0
STOYSTOWN	MAX	35	27	25	43	49			35 29		ļ	5 ~ 6			31		42	31		27	24	24	48	52	28	45	46	57	32			37	33.6 15.1
STROUOSBURG	MAX MIN	34	30	16 32 13	41	23	35 23		40	26 16		24				55	37		27	26	28		43	44	34	47	39 18	44	24		37	22	33.7 13.5
SUNBURY	XAM NIM	35	38	30	44 23	42	32	54	45	41	25		23	28		44	1	40	30	29	25 12	35	36 17	46		40	48	45	-	26	30 18	42	
TIONESTA 2 SE OAM	MAX	31	30	27 13	40	35 25	42 28	48	32	32		10	16				43	30	17	20	21	25	47	51 17	25	47 15	43	56 25			35 13 -	32	32.2
TITUSVILLE WATER WORKS	MAX	27	20		36 25		40	46		17	5	14	19				27	22	16	18	21 10	32	45 27	30 13	43	39 25	52 18	51 17	21	22	30 4 <b>-</b>		29.5
TOBYHANNA	MAX		25		36	26	40	46	39	33	13	22	26	1	35 11	51	41	27	22		27	22	45	43	32	43	37 17			18	32 14 -	16	31.1
TOWANDA 1 ESE	MAX	33	28	36	41	32	46	52	44	33	19	22		31	43	52	44	28	25	24	30	30	50	47	40	45	42	45	22	25	39 12 <b>-</b>	22	35.4
TOWER CITY 1 S	MAX	34	- 1 36	21 30 7	18	47	31 33 19	52	31 45	39 19	22		20	25		40	52	35 15	32	28	28	30 11	35	47	34	36 17	48	45	38			43	35.3
UNIONTOWN	MAX MIN	31 25			57 38	21 54 36	57	32 56 34		25 12	15	17	25	37	55 15	55	37	32	30	30	32	46	54	51	49	53	65	64	32	32		20	40.6
WARREN	MAX	29	24	38	39	39	43	49	34	19	-	18	24	27	47	43	34	24	20			34	39	36	48	42	54	54 18	24	24	33	18	32.9
WAYNESBURG 2 W	MIN	32	26	23	52	59	61	63	37	25	13	16	22	33	54	50	36	29 16		29	29	40	55	46	47	49	67	66	31		42	22	
WELLSBORO 3 S	MIM	28	29	23	37	25 35	38	51	33	34		12	16	23	28	36		30	21	20	21	26	38	49 19	25	35	43	41	29	18	31	30	30.1
	MIN	14	В	12	21	14	19	30	27	13	- 3	- 4	- 3	1	12	18		.,			,						20				Ü	,	
																				-													

## DAILY TEMPERATURES

Station																Day	Of M	onth											Names .				AG6
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
WEST CHESTER	MAX MIN	36 14	35 18	34 17	40	50 21	37	56 33	54 34	48	31 11	25	27	29 11	41 15	52 21	55 28	42 22	40 15	31 15	33 16	35 19	38 29	50 34	44	35 21	55 32	46	49	38 17	40 19	52	41
WILLIAMSPORT WB AP	MAX MIN																																
YORK 3 SSW PUMP STA	MAX																																

## DAILY SOIL TEMPERATURES

Station And	Time															Day	of mo	nth															age
Depth	- 1110	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17.	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
ERIE CO FIELD RSCH LAB																																	
8 INCHES	MAX	35 34	35 34	34 33	34 33	34 34	34 33	34 33	34 34	35 34	35 34	34 34	34 32	32 32	33 32	34 33	34 34	34 33	33 32	32 31	32 32	32 31	33 32	34 32	32 30			34 33	34 33	33 31	33 31		33.5 32.5
LANDISVILLE 2 NW																																	
2 INCHES	8 AM	30	30	31	31	30	31	31	31	31	31	29	27	27	27	29	30	30	29	28	29	28	29	29	30	29	29	30	29	28	29	28	29.4
STATE COLLEGE 2	1																																
2 INCHES	MAX	31 30	30 28	32 29	32· 32	32 32	33 32	33 32	33 32	33 29	28 24	28 22	28 22	30 23	31 25	32 28	33 30	30 25	28 22	28 23	30 28	30 29	33 30	33 30	32 27				32 29	31 28	32 24		31.0 27.6
4 INCHES	MAX	31 30	30 28	32 29	32 32	32 32	33 32	33 32	33 32	33 30	30 25	28 23	26 23	30 24	31 26	32 29	33 31	30 26	28 24	28 24	30 28	30 29	32 30	33 32	32 28	32 31	32 31	33 32	33 30	31 29	32 25		31.1 28.3
8 INCHES	MAX	33 32	32 32	33 32	33 33	34 33	34 33	34 33	34 33	34 33	34 31	31 29	30 28	30 28	31 29	32 31	34 32	32 30	30 28	30 27	31 30	31 30	33 31	33 32	32 30	33 32		34 33	33 32	32 31	32 30		32.3 30.8
12 INCHES	MAX MIN	35 34	35 34	35 34	35 34	35 34	35 35	35 35	36 35	36 35	36 34	35 34	35 33	33 32	33 32	33 32	34 33	33 33	33 32	32 31	32 32	32 32	33 32	33 32	33 32	33 33	33	34 33	34 33	34 33	34 33		33.9
16 INCHES	MAX	36 35	35 35	36 35	36 36	37 36	37 36	36 36	37 36	37 35	37 35	37 35	37 34	35 33	34 33	34 33	35 33		34 33	35 33	34 33	33	34 33	35 33	34 33	35 33	34 33	35 34	35 34	35 34	36 34		35.3 34.1

Eric Co Field Rsch Lab - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Ryegrass and Native Weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam. Ground Cover: Permanent blue grass sod which is kept clipped to a height of 2 inches. Instrumentation: Weston Electric Soil Thermometer.

State College 2 - Slope of Ground: Gentle slope to the southeast. Soil Type: Hagerstown silt loam. Ground Cover: Kentucky blue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constantan Thermocouple on recording Potentiometer.

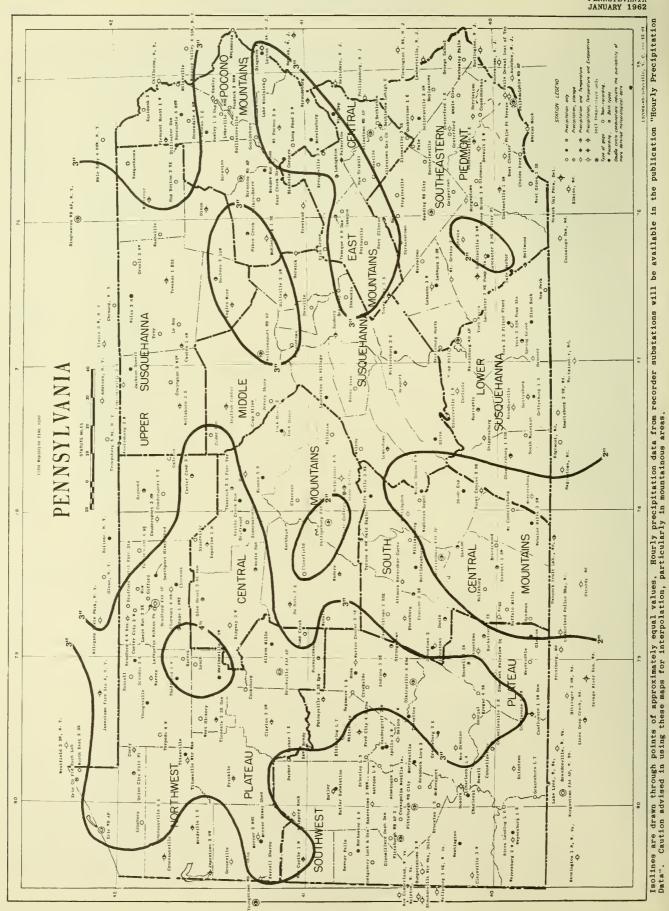
																Day	of me	onth											- 0		RY 1	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
S	SNOWFALL SN ON GND WTR EQUIV	T 4	4 .S	T 4	3 .4	3	T 3	1	T T	T	T T	т	Т	т	т	Т	т	т	т	.3	. 2 T	т	т		т					.2	r <sup>2</sup>	_
	SNOWFALL SN ON GND									T	т	т	Т	т	т	т					3.S 4	4								.5 1	1.5	1.0
	SNOWFALL SN ON GND	T 4	.3	T 4	3	2	2	i <sup>4</sup>	1.0	T 4	T 4	T 4	3	3	3	.3	T 1	T 1	T 1	2.0	.7	3	1	т	т			-	-	1	- 2	3
	SNOWFALL SN ON GND	T 4	.s	.4 S	5	4	2	T T	2.0	T 2	2	1	1	1	т		T	T T	т	T	2.4	2		Т						.7 1	4.0 5	T S
	SNOWFALL SN ON GND	T S	4	4	2	2	2	Т	T 1	T 2	T 1	T 1	т	т	т					1.4 T	. 6 2	2		Т						1.0	1.0	1.0
	SNOWFALL SN ON GND	T 3	2	2	2	1	.1 1			T T											3.S 3	T 3	1.7 2						T	T	1.2	.8 2
CARLISLE S	SNOWFALL SN ON GND	T 2	2	2	1	1														T	2.0	2	1							.S T		
	SNOWFALL SN ON GND	4	T 4	1.0 S	2	2	1	T 1	T 1	1.0	2	2	2	1	1	1	T T	T T	Т		3.0	T 3	т	Т						1.0	1.0	1.0
CORRY	SNOWFALL SN ON GND	. S	1.0	. 4 3	3	2	т	1.0	1.S 2	T 2	2	.S	1	т	т	.3 T	.3 T	.7 1	.3	14	1.3	2		.8 T				Т	T T	1.0	4.0 S	.s 4
	SNOWFALL SN ON GND	-	(=	_	=	-	-	Ξ	_	_	-	-	_	-	-	-	-	-	-	_	Ξ	Ξ	Ξ	-	-	, = )	-	-	-	-	-	-
	SNOWFALL SN ON GND	T 3	.S	3	2	2	1	T T	.S	. S	1	1	. 1	1	1	Т	T T	т	т	T T	2.S 2	2								1.0	2.0	2
	SNOWFALL SN ON GND	Т	т	т	т	т	т			T T											S.0	3	3							T	1.0	
8	SNOWFALL SN ON GND WTR EQUIV	.1 2 .3	2.S 1	.1 4 .4	Т			Ť	. 1 T	.7 T	.s i	i <sup>1</sup>	1	1	т	.1	.1 T	T	.1 T	.8 T	.3 1	1		.4 T					.1	.8 1	1.2 2 .3	1.4
EVERETT 1 SW S	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	.s	-
	SNOWFALL SN ON GND	T 1	T 1	T 1	т			Т	.s 1	T T	т	Т	т	Т	т						2.0	2								.s 1	1.0 T	T
GALETON	SNOWFALL SN ON GND		Т						Т	Т											6.0	4								.s	1.5	.S 3
	SNOWFALL SN ON GND	3	3	3	3	2	2				T T										T					.2 T					.2 T	
GREENSBORO LOCK 7	SNOWFALL SN ON GND	1.0	1	T 1					Т	.3 T											1.0	Т								T T	T T	1.0
	SNOWFALL SN ON GND	2	2	1	1	1	т	т		Т	T										1.0										T.S	
S	SNOWFALL SN ON GND WTR EQUIV	T S 1.0	S 1.0	5	S .9	4 .9	4	1	Т	T	Т									1.0	.2 1	Т	т	1	Т		Т			1.1 T	T	
HOLTWOOD	SNOWFALL SN ON GND										.1 T										.4 1							. 1			Т	
	SNOWFALL SN ON GND	.3	T 2	.3	1	Т	Т		. 2 T	.7 1	Т	Т	т	Т	Т	Т	Т	T T			2.2	.2								.9 1	.5 T	T
	SNOWFALL SN ON GND	T S	T _	.S	TS	S	3	T 1	.5	. S 2	2	.s					T T	т	T	т	1.7	T 2	т							.7 1	2.3	1.3
	SNOWFALL SN ON GND	2	1								. S	т									.s	1		1								
LAWRENCEVILLE 2 S	SNOWFALL SN ON GND	T	т	т	T																2.0	1								T T	1.0	1
	SNOWFALL SN ON GND	1	т							Т											2.0	1	1								1.0	
MARTINSBURG FAA AIRPORT	SNOWFALL SN ON GND	T 1	T 1	T 1	т	Т			Т	.1 T	T					-	-			-	21	2								. 6 T	T	.1
MATAMORAS S	SNOWFALL SN ON GND	S	4	4	.6	4	3	2	1														1								1.0	1
MEADVILLE 1 S	SNOWFALL SN ON GND	.7	.2	.s 4	3	3	3	. 2 T	1.0	.6	.2	2	2	2	1	т	T	. 2 T	.3 T	т	.7 i	.3 1		T	. 1 T	L			Т	.S	2.7	1.3
	SNOWFALL SN ON GND	.2	T 2	T 2	2	1	1	T T	T	·1	T T	T	т	т	т		T	т		Т	3.S	T 3	1		т					.2 T	.1 T	.3 1
MONTROSE S	SNOWFALL SN ON GND	T 7	71	T 7	7 7	7	6	1	т	T	т	т	т	Т	т	Т	т	т	Т	т	2.S 2	.2	1	Т	1			2.0	T	T	.S	1.5
	SNOWFALL SN ON GND	5	4	4	4	2	2	1	т												1.5	1	Т								1.0	
PHILADELPHIA WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	т	Т						Т	Т	. 2 T	т	т							. 2	T					T				T	.2 T	
PHILIPSBURG FAA AIRPORT	SNOWFALL SN ON GND	3	- 3	3	3	- 2	2	- 2	ĩ	1	2	- 2	- 2	- 2	- 2	-	1	-	-	-	- 2	- 2	1	-	-	-	-	-	-	-	1	1
PITTSBURGH WB AIRPORT 2	SNOWFALL SN ON GND WTR EQUIV	T 1	i.4	T 1				T	.3 T	T	T	T	т	т	Т	Т	Т			1.8	T 2 .1	2,1							Т	1.0	.3 T	.2 T
	SNOWFALL SN ON GND	8	T 8	T 8	T 8	7	T 7	s	4	T 4	T 4	4	4	4	4	T 4	3	3	3	3	2.0	T 4	3	Т	Т	т	Т	2.0 T	Т	T	. S	1.5
READING WB CITY	SNOWFALL SN ON GND	3	3	3	3	3	2	т	Т	T	T	Т								.3	. 4 1	Т			Т		Т			.2 T	Т	

Continued

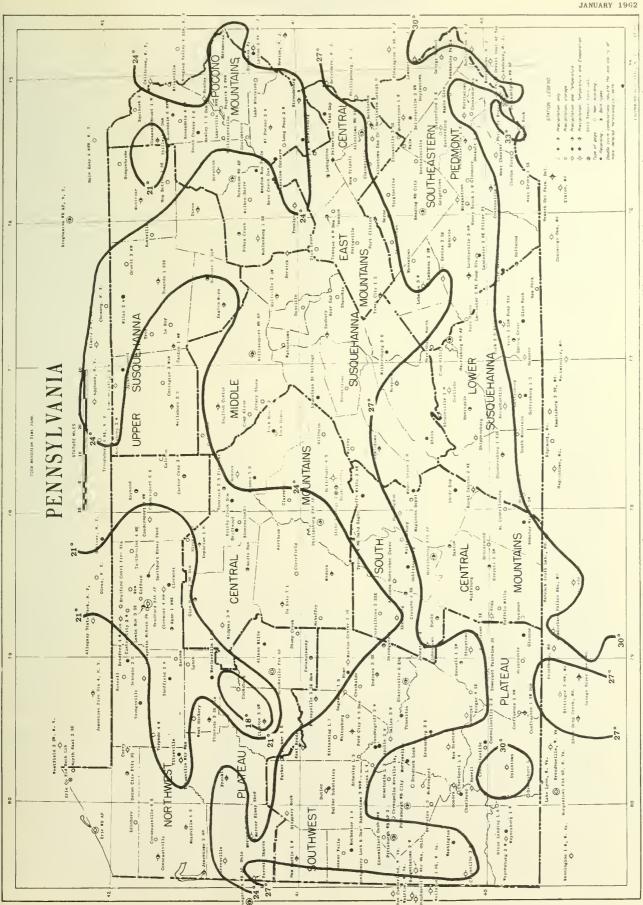
## SNOWFALL AND SNOW ON GROUND

PENN, YLVANIA JANUARY 1963

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SCRANTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T 5	T 4	T 4	T 4	T 3	3 . 4	Т	Т	T				Т			Т			.7	1.1 2 .1	T 1	1				.3		T	. 3	. 3 T	T T
SHIPPENSBURG	SNOWFALL SN ON GND	6	6	5	2	2	2	Т	Т	T	T	Т								T T	1.0	Т			Т					T	Т	
SLIPPERY ROCK	SNOWFALL SN ON GND	2	2	T 2	т	Т			.5	1.0	1	1	т	Т							2.0	2								T	2.0	.2
TIONESTA 2 SE DAM	SNOWFALL SN ON GND	T 5	T 5	T 5	4	3	2	T T	. 5 1	.5	1	T 1	1	1	1	1	T T	Т	т	Т	2.0	T 2	Т	T T	Т					1.0	2.0	T 3
TOWANDA 1 ESE	SNOWFALL SN ON GND	4	3	3	2	2	1														1.5	. 1	. 1 T						T T	T T	T T	.5 1
TOWER CITY 1 S	SNOWFALL SN ON GND	T 3	3	3	3	2	. 2 2	T	T T												1.1	1	1							T	T T	
WILLIAMSPORT WB A1RPORT	SNOWFALL SN ON GND WTR EQUIV		T 2	T 1	1	. 1 T	т	Т	Т	.3 T										2,2	1.8 4 .2	3	2				. 2		Т	1.1 T	.1 1	.3



- 14 -



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

								070		TON						-	-	-	-	OBS	ERVA	TION	JANUARY 1962
CT	ATION	X NO.	COUNTY	AGE ‡	LATITUDE	LONGITUDE	ELEVATION	Т	ERVA IME A TABLE	ND S	OBSERVER		STATION	X NO.	COUNTY	AGE 1	LATITUDE	LONGITUDE	ELEVATION	TI	ME A	ND S	OBSERVER
31	AIION	INDEX	COUNTY	DRAINAGE	LAT	LONG	ELEV,	TEMP.	PRECIP	SPECIAL AR HOTEL				INDEX		DRAINAG	LAT	LONC	ELEV	TEMP	PRECIP	SPECIAL OLD HOTEL	
ACMETONIA ALLENS MI ALLENTOWN ALLENTOWN	LLS WB AP	0099	ALLEGHENY JEFFERSON LEHIGH LEHIGH	1 1 9	40 32 41 12 40 39 40 36	79 49 78 55 75 26 75 28	748 1600 376 254	MID 7A	7.A	-	CORPS OF ENGINEERS CHARLES H. ALLEN U.S. WEATHER BUREAU LEHIGH VALLEY GAS DIV.		HUNTSDALE HYNOMAN INDIANA 3 SE JACKSON SUMMIT	4214	CUMBERLAND BEDFORD INDIANA TIOGA	15 12 4 15	40 06 39 49 40 36 41 57	77 18 78 44 79 07 77 01	610 960 1102 1690	7 P	6A 7A 7A	C H	METRO P. DOROSH OONALD LEHMAN CLYMER WATER SVC. CO. ARCMIE LAIN
APOLLO 2 AREND75V1	W	0134	BLAIR WESTMORELAND	7	40 30 40 35 39 55	78 29 79 36 77 18	1500 1060 710	6P 8A	6P 8A	c	ALTOONA WATER BUR.  EUGENE R. YOUNG PA. STATE COL. EXP.S7A.  OTTO D. BACON		JAMESTOWN 2 NW  JERSEY SHORE JOHNSTOWN JOHNSTOWN 2	4325 4363 4385	LYCOMING CAMBRIA	16 4	41 12 40 20 40 19	77 15 78 55 78 55	1050 541 1214	94	8A 8 7A 9A	AC	PA. DEPT. FRST. + WTRS.  GEORGE R. WADDELL JOHNSTOWN TRIBUNE
BAKERS70M BARNES BEAR CREE	IN 3 WNW	0409	710GA ALLEGHENY WARREN LUZERNE	15	42 00 40 39 41 40	77 32 79 59 79 02 75 44	1230	7A 3P	7 A 3 P 7 A	СН	CORPS OF ENGINEERS		KANE 1 NNE KARTHAUS	4432 4450	CAMBRIA MC KEAN CLEARFIELD BEDFORD	1 16 6	41 41 41 07 39 59	78 48 78 07 78 43		AB HID	8A 7A	СH	CITY OF JOHNSTOWN RUDOLPH A. ANDERSON WILLIAM J. HOWE PA. TURNPIKE COMM.
BEAR GAP BEAVER FA BEAVERTON BECHTELSV	ILLS	0457 0475 0482	NORTHUMBLAND BEAVER SNYDER BERKS	15 2 15 14	40 50 40 46 40 45 40 22	76 30 80 19 77 10 75 38	900 760 640 400		3P 7A 7A 7A		ROARING CREEK WATER CO- HOWARD R. KEMP MARLIN R. ETTINGER PAUL W. FISHER		KETTLE CREEK DAM KITTANNING LOCK 7 KREGAR 4 SE KRESGEVILLE 3 W	4667	CLINTON ARMSTRONG WESTMORELAND CARBON	16 1 17 9	41 22 40 49 40 06 40 54	77 56 79 32 79 14 75 34	930 790 2530 720	1,	7AR	c	CORPS OF ENGINEERS CORPS OF ENGINEERS INACTIVE 12/59 CITY OF BETHLEHEM
BELLEFONT BERNE BERWICK BETHLEHEM		0599 0611 0629	CENTRE BERKS COLUMBIA NORTHAMPTON NORTHAMPTON	16 14 15 9	40 51 40 31 41 04 40 37 40 36	77 47 76 00 76 15 75 22 75 23	325 570 400	8A 6P MID	8A 6 7A 6P 7A	A C	ROCKVIEW PRISON FARM FLOYO W. TRUMP AMER. CAR + FNDRY. CO. VITALIAN MASTER LEHIGM UNIVERSITY		LAFAYETTE MC KEAN RARK LAKE MINISINK LAKEVILLE I NNE LANCASTER 2 NE PUMP STA LANCASTER 2 NE FILT PL	4727 4733	HC KEAN PIKE WAYNE LANCASTER LANCASTER	15	41 48 41 13 41 27 40 03 40 03	78 40 75 03 75 16 76 17 76 17	2130 1360 1440 255 270	6P	7A 8A 6P	С	INACTIVE 12/59 MRS. IRENE FOREHAN MRS. GLADYS REINEKE LANCASTER WATER BUR. LANCASTER WATER BUR.
BLAIN BLAIRSVIL BLAKESLEE BLOSERVIL	LE 6 ENE CORNERS	0725 0736 0743	RERRY INDIANA MONROE CUMBERLANO	15 4 9		77 31 79 09 75 36 77 22	750 2048 1650 650	8P	8P 8A 7A	c c	PA. DEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. RESSIE M. WILLDERS		LAWRENCEVILLE 2 S LEBANON 3 W	4853 4873 4891	LANCASTER UNION TIOGA LEBANON	15 15 15	40 07 40 54 41 59 40 20	76 26 77 13 77 07 76 29	360 880 1000 460		8A   8	A CG C H	PA. STATE COLLEGE PA. DEPT. OF WELFARE HARRY P. HOWLAND LEON MILLER
BOSWELL 1 BRADDOCK BRADFORD BRADFORD		0861	ALLEGHENY MC KEAN MC KEAN	10 1 1	40 09 40 24 41 48 41 57 41 57	79 02 79 52 78 38 78 39 78 44	725 2121 1500	MID 5R	7A	~ С	MRS. EMMA SHAULIS  CORPS OF ENGINEERS FED. AVIATION AGENCY BRAOFORD FIRE DEPT. BRADFORD WATER DEPT.		LEBANON 3 SW LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN	4934 4972 4984 4992	CARBON BRAOFORD MC KEAN MIFFLIN	15 9 15 1 6	40 19 40 50 41 41 41 50 40 35	76 28 75 43 76 43 78 39 77 35	580 1040 1740 480	7A	7A 8A 7A 7A	С	
BROOKVILL BRUCETON BUCKSTOWN	E FAA AIRPORT 1 S	1002 1033 1073	JEFFERSON ALLEGHENY SOMERSET	1 10 4	40 00 41 09 40 18 40 04 39 57	78 14 79 06 79 59 78 50 78 39	1352 1417 1065		MID 7A	н с	RA. TURNPIKE COMM. FED. AVIATION AGENCY AUSTIN R. COOPER ALVIN W. MANGES CLIFFORD C. ADAMS		LOCK HAVEN 2 LOCK HAVEN 2 LONG POND 2 W LYNCH MADERA	5109 5160 5275	CLIN7ON CLIN7ON MONROE FOREST	16	41 08 41 08 41 03 41 36 40 50	77 27 77 27 75 30 79 03	680 630 1860 1295	7A	7A 7A 7A 7A	c	JOHN P. FREY HUGH F. PARKER THOMAS HECKES CORPS OF ENGINEERS HRS. JULIA J. SMOFF
BUFFALO M BURGETTST BURNT CAS BUTLER BUTLER SU	TILLS OWN 2 W	1087 1105 1115 1130	BEDFORD WASHINGTON HUNTINGDON BUTLER	6 2	40 23 40 05 40 52	77 52 79 54	980 990	7A 5P 8A	8A 7A 5P 8A		PAS TURNPIKE COMMS ROGER CLARK		MADERA HAHAFFEY MAPLE GLEN MAPLETON DEPOT HARCUS HOOK	5342 5368 5381	CLEARFIELD CLEARFIELD HONTGOMERY HUNTINGOON DELAWARE	5	40 50 40 53 40 11 40 24 39 49	78 26 78 44 75 11 77 56 75 25	1280 380 580	7A	7A 8A 7A	c	HISS ELLEN J. MILES FRANCES E- SCHEIBNER MRS. 1. S- BUCHANAN SUN DIL CO-
CAME HILL CAMP KLIN CANTON 1 CARLISLE	E	1203	BUTLER CUMBERLAND LYCOMING BRADFORD	15 16 15 15	40 51 40 15 41 16 41 40	79 53 76 55 77 20 76 52	\$90 1520	7.A 6.P	6P 7A 7A 6P	СН	WEST PENN POWER CO. JOSEPH N. HOBART LESLIE D. DOWLING HRS.MILDRED SRENCER		MARIONVILLE 1 SW MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS	5400 5408 5454 5470	FOREST INDIANA BLAIR PIKE	1	41 27 40 45 40 18 41 22	79 09 79 02 78 19 74 42	1700	6P M1D	7A1	C H	ROY A. MARKER CORPS OF ENGINEERS FED. AVIATION AGENCY HARRY RISLAND
CARROLLTO CARTER CA CEDAR RUN CHAOOS FO	MP 2 W	1262 1301	CUMBERLANO CAMBRIA POTTER LYCOMING OELAWARE	16	40 35 41 37 41 31 39 52	77 12 78 42 77 45 77 27 75 37	2030 800		8A . 7A 7A	С	CARROLL G. MILLER ROBERT F. MAURER RICHARD L. MENKEN KATHRYN T. KREIGHBAUM E. EARL TOUCHTON		MC CONNELLSBURG MC KEESPORT MEADOW RUN PONOS MEADVILLE 1 S	5526 5573 5601	FULTON ALLEGHENY LUZERNE CRAWFORO	15	39 56 40 21 41 13 41 38	78 00 79 52 75 40 80 10	895 720 1995 1065	8A)	88 88	C H	
CHARLERO! CHARENCE	LOCK 4	1372 1377 1480	FRANKLIN WASHINGTON WESTMORELAND CENTRE	12 10 10 16	39 56 40 08 40 09 41 03	77 38 79 55 79 54 77 56	1040 749 1410	9P	9R 7A 7A	C	CHARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS MISS VELDA SWANCER		MEDIX RUN HERCER 2 NNE HERCER HIWAY 5HED HERCERSBURG	5654	ELK MERCER MERCER FRANKLIN MONROE	16 2 2 12	41 17 41 15 41 14 39 49	78 24 80 13 80 15 77 54 75 28	1100 1160 1250 615	7P 8A	7 A 7 A 8 A	CH	MRS.E. M. SNYOER HRS. FRAM. STRUTHERS PA. DEPT. HIGHWAYS ROLLIN P. GILBERT ARTHUR A. SMITH
CLARION 3 CLAUSSVILL CLAYSVILL CLEARFIEL CLERMON7	LE E 3 W	1505 1512 1519	CLARION LEHIGH WASHINGTON CLEARFIELD MC KEAN	1 9 11 16	41 12 40 37 40 07 41 01 41 41	79 26 75 39 80 28 78 26 78 30	670 1000 1100	8P 7P	7A 8 A 7A 7A	С	PA ELECTRIC CO. WILLIAM J. DOTTERER MFGRS. L. + M. CO. 1RA TAYLOR MRS. TILLIE M. SIMONDS		MEYERSOALE MILAN 2 N MILANVILLE MILLERSBUPG 2 E	5684 5731 5738 5775	SOMERSET BRAOFORO WAYNE OAUPHIN	17 15 5 15	40 98 30 49 41 56 41 40 40 32	79 02 76 31 75 04 76 56	2000 770 760 560		7.A 6.A	10	LEE H. ALBRIGHT CHARLES E. STROUD CHARLES W. OAVIS RUSSELL SHEPLEY
CLERMONT COATESVIL CONFLUENC CONFLUENC CONNEAUTV	LE 1 SW OAM E 1 SW OAM	1589 1705 1710	MC KEAN CHESTER SOMERSET FAYETTE CRAWFORD	1 5 17 17	41 44 39 58 39 48 39 50 41 45	78 32 75 50 79 22 79 22 80 22	1331	5P 8A 8A	7A 8A 8A 7A 9A	A C	MRS. TILLIE M. SIMONDS PHILA. ELECTRIC CO. CORPS OF ENGINEERS JOHN L. REID S. CARLYLE SHELDON		MILLHEIM MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND DAM HONTROSE	5817 5825 5902	CENTRE COLUMBIA MIFFLIN BEAVER SUSOUEHANNA	15 15 6 11 15	40 53 41 06 40 43 40 39 41 50	77 29 76 34 77 35 80 23 75 52	1079 860 770 692 1560	5P	7A 7A 8A 7A 7A	Сн	NEVIN E. BOWERSOX KENNETH LEIGHOW THOMAS C. HARBESON CORPS OF ENGINEERS RALPH TAYLOR
CONNEAUTV CONNELLSV CONNELLSV CONSHONOC COOKSBURG	TLLE 2 E	1723 1729 1737	CRAWFORD FAYETTE FAYETTE MONTGOMERY CLARION	1 17 17 5 1	41 46 40 01 40 01 40 04 41 20	80 15 79 36 79 33 75 19 79 13	1300		8 A 8 A 8 A	c	MRS. PALLA J. TAUTIN MARSHALL B. MENEFEE MARRY C. JOY PHILA. ELECTRIC CO. PA. OEPT. FRST. + WYRS.		MORGANTOWN MT GRETNA 2 SE MOUNT UNION 1 N MUHLENBURG I SE MURPYSVILLE	6028	BERKS LANCASTER MIFFLIN LUZERNE WESTMORELANO	15 15 6 15 10	40 09 <sup>1</sup> 40 14 40 24 41 13 40 26	75 54 76 26 77 53 76 08 79 42	670	MID MID		С	PA. TURNPIKE COMM. PA. TURNPIKE COMM. MI. UNION WATER WORKS INACTIVE 2/60 DAVIO C. SHAW
CORAOPOLI CORRY COUDERSPO COUDERSRO COVINGTON	RT 6 E	1790 1806 1809	ALLEGHENY ERIE POTTER POTTER 7106A	11 1 1 16 15	40 30 41 55 41 49 41 46 41 44	80 05 79 39 78 03 77 53 77 07	2020	6P 7P	8A 6P 8A 8A	н	PGH. COKE + CHEM. CO. RICHARD T. MOUNTAIN MISS ELIZABETH NEFF MRS. HENRIETTA D OE17ER CALVIN R. PACKARD		MYERSTOWN NATRONA LOCK 6 NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N	5151 6174 6194	LEBANON ALLEGHENY HUNTINGOON BUCK5 LAWRENCE	5	40 22 40 37 40 40 40 09 41 01	76 18 79 43 77 55 74 57 80 22	480 800 900 60 825		8A 7A MIO 7A	c	MRS.KATHLEEN WANDELL CORPS OF ENGINEERS PA. STATE UMIVERSITY PHILA. SUB. WATER. CO. LEWIS W. HAMILTON
CREEKSIDE CRESSON 2 CUSTER CI DANVILLE DEVAULT 1	SE TY 2 W	1895 1978 2013	INDIANA CAMBRIA MC KEAN MONTOUR CHESTER	1 6 1 15	40 41	79 12 78 34 78 41 76 37 75 33	460	MID	7A 7A 7A MID	c	CORPS OF ENGINEERS FREO A. PLEMPEL INACTIVE 12/59 HRS. MARIE H. LITTLE PA. TURNPIKE COMM.		NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI	6289 6297 6310	FAYE7TE YORK PERRY WESTHORELAND LEHIGH	10 15 6 10 14	40 05 39 44 40 29 40 13 40 41	79 54 76 30 77 08 79 36 75 45	780	7A MID	6P 7A	н	GENERAL CHEMICAL CO. CLINTON J. ALLEN MRS. FRANCES K. FRY PA. TURNPIKE COMM. FRED C. OSWALD
DINGMANS 01XON DONEGAL DONORA DOYLESTOW		2171 2183 2190	PIKE WYOMING WESTMORELAND WASHINGTON BUCKS	5 15 17 10 5	41 13 41 32 40 07 40 10 40 18	74 52 75 57 79 23 79 52 75 08	1746		7A H1D 5P 5P	С	THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES GEORGE HART		NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW RALM PALMERTON	6396 6622 6681	MONTGOMERY ERIE BRADFORD MONTGOMERY CARBON	14 8 15 14 9	40 07 42 12 41 55 40 26, 40 48	75 21 79 49 76 18 75 32 75 37	1060	HID	9A BA BA	С	BOROUGH OF MORRISTOWN ELLSWORTH WEAVER ELMER T. MOORE FREO C. ESCHBACH NEW JERSEY ZINC CO.
DRIFTWOOD DU BOIS 7 DUNLO DUSHORE 2 EAGLES ME	E <sw< td=""><td>2265 2298 2325</td><td>CAMERON CLEARFIELO CAMBRIA SULLIVAN SULLIVAN</td><td>16 16 4 16 16</td><td></td><td>78 08 78 38 78 43 76 25 76 35</td><td>2410</td><td>5<b>P</b></td><td>5P 8A 7A</td><td>C H</td><td>SIDNEY KENNEDY CITY OF DU BOIS HRS. D. L. WHITE ROBERT J. OBERT FRANCIS B. HANLEY</td><td></td><td>PARKER PARKER 1 E PAUPACK 2 WNW PHIL DREXEL INST OF TEC PHILADELPHIA W8 AP</td><td>6724 6762 6879</td><td>ARHSTRONG CLARION PIKE PHILADELPHIA PHILADELPHIA</td><td>1 5 14 5</td><td>41 05 41 06 41 24 39 57 39 53</td><td>79 41 79 40 75 14 75 11 75 15</td><td>1100</td><td></td><td>7A 8A MID MID</td><td>c +</td><td>LOUIS A. MALARKEY P. M. MEELY MISS L. VETTERLEIN FRANCIS K. OAVIS. JR. J U.S. WEATHER BUREAU</td></sw<>	2265 2298 2325	CAMERON CLEARFIELO CAMBRIA SULLIVAN SULLIVAN	16 16 4 16 16		78 08 78 38 78 43 76 25 76 35	2410	5 <b>P</b>	5P 8A 7A	C H	SIDNEY KENNEDY CITY OF DU BOIS HRS. D. L. WHITE ROBERT J. OBERT FRANCIS B. HANLEY		PARKER PARKER 1 E PAUPACK 2 WNW PHIL DREXEL INST OF TEC PHILADELPHIA W8 AP	6724 6762 6879	ARHSTRONG CLARION PIKE PHILADELPHIA PHILADELPHIA	1 5 14 5	41 05 41 06 41 24 39 57 39 53	79 41 79 40 75 14 75 11 75 15	1100		7A 8A MID MID	c +	LOUIS A. MALARKEY P. M. MEELY MISS L. VETTERLEIN FRANCIS K. OAVIS. JR. J U.S. WEATHER BUREAU
EAST BRAD EBENSBURG EDINBORO EMPORIUM ENGLISH C	1 N	2466 2514 2635	CLARION CAMBRIA ERIE CAMERON LYCOMING	1 4 1 16 16	40 59 40 29 41 52 41 32 41 26	79 37 78 43 80 08 78 14 77 17	2090 1220 1560	7P 8A	5P 7A 8A 8A 7A	Сн	A. B. KEMPEL ROBERT A. WASSER EDINBORD ST. 7CHR. COL. HRS. TALLIE M. BRITTON WILLIAM SUDERS		PHILADELPHIA PT BREEZE PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AR 2	6916 6927 6939	PHILADELPHIA CENTRE CHESTER LUZERNE ALLEGHENY	5 6 14 15	39 55 40 54 40 07 41 18 40 30	75 12 78 05 75 30 76 08 80 13	1918 105 1320	HID HID 5P	HID 7A	C H	ATLANTIC REFINING CO- FED. AVIATION AGENCY PHILA. SUB. WATER COMM. HARRY SHELDON JU.S. WEATHER BUREAU
EPHRATA EOUINUNK ERIE CO F ERIE WB A EVERETT 1	IELD RSCH LAB	2671 2673 2682	LANCASTER WAYNE ERIE ERIE BEDFORD	15 5 8 6	41 51	76 10 75 13 79 51 80 12 78 23	910 740 732	MID	6P 7A HID 8A	G С н. С н	STANLEY L. VON NEIDA MRS. HENRIETTA MURRY FIELD RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIKE COMM.		PITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNXSUTANNEY	7029 7116 7161	ALLEGHENY WAYNE SCHUYLKILL SCHUYLKILL JEFFERSON	11 5 14 14	40 27 41 44 40 35 40 42 40 57	80 00 75 27 76 02 76 11 79 00	1800 450 690	H1D 8A 7A		C H	U.S. WEATHER BUREAU PA. FISH COMMISSION MRS. ADA E. RARICK LLOYD E. WELLER CARL E. ROTOLO
FARRELL S FORD CITY FRANKLIN FREELAND GALETON	4 S DAM	2942 3028 3056	MERCER ARMSTRONG VENANGO LUZERNE POTTER	1 15	41 14 40 43 41 23 41 01 41 44	80 30 79 30 79 49 75 54 77 38	987	7P 8A 7P 6P	7P 8A 8 7A 8A 7A	A C H	SHARON STEEL CORP. CORPS OF ENGINEERS JAMES A. RHOADS ANDREW B. EVANSHA STANLEY G. LUSH		PUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYMOND READING WB CITY RENOVO	7239 7310 7318	ARMSTRONG BUCKS POTTER BERKS CLINTON	1 5 13 14 16	40 55 40 26 41 52 40 20 41 20	79 17 75 20 77 52 75 58 77 45	266	5P H10	8A 7A 7A HIO 7A	C H	CORPS OF ENGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAN U.5. WEATHER BUREAU ELHER G. BATSCHELET
GEIGERTON GEORGE SC W GETTYSBUR GETTYSBUR GIFFORO	HOOL IG	3189 3200 3218 3223	BERKS BUCKS ADAMS ADAMS MC KEAN	14	40 13 40 13 39 50 39 48 41 51	75 50 74 56 77 14 77 14 78 36	400 135 540 530	8A 9A	8A 8A 9A	С	WALTER C. WOLF GEORGE M. HART HUGH C. MC ILHENNY NATJONAL MILITARY PARK INACTIVE 12/59		RENOVO 5 S REM RICES LANDING L 6 RIOGWAY 3 W ROCHESTER 1 N	7425 7443 7477	CLINTON MC KEAN GREENE ELK BEAVER	16 1 10 1 2	41 14 41 54 39 57 41 25 40 43	77 46 78 32 80 00 78 47 80 18	2250 775 1420	5P	8A 7A 5P	С	C. F. BILLETTE HAROLO C. MEALY CORPS OF ENGINEERS BOROUGH OF RIDGWAY OEQUESNE LIGHT CO.
GLENCOE GLEN HAZE GLENHOORE GLEN ROCK	L 2 NE OAM	3298 3311 3321 3330	SOMERSET ELK CHESTER YORK ALLEGHENY	12 1 5	39 49	78 51 78 36 75 47 76 44 80 13	1620 1725 440 620		8A 7A	c c	MRS. MARY M. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. MC WILLIAMS CORPS OF ENGINEERS		RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 W	7729 7732 7739	SUSQUEHANNA WARREN LANCASTER INDIANA WESTHORELANO	15 1 15 1 7	41 47 41 56 39 55 40 46 40 31	76 07 79 08 76 23 79 14 79 33	270		7A 8A 7A 6P	С	CARL KOPATZ HOWARD C. JONES S.H. WATER POWER CORP. CORPS OF ENGINEERS MUN. AUTH. WSTMRLO. CO.
GOULDSOR GRATERFOR GRATERFOR GREENSBOR GREENSBUR	0 1 E	3394 3435 3437 3503	WAYNE MONTGOMERY MONTGOMERY GREENE WESTMORELAND	9 14 14 10 10	41 15 40 14 40 14 39 47	75 27 75 27 75 26 79 55 79 31	1890 155 240 808	7A	7A 7A 7A 7A	н	OANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. DEPT. HIGHWAYS		SAXTOM SCANDIA 2 E SCHENLEY LOCK 5 SCRANTON SCRANTON WB AIRPORT	7846 7855 7863 7902	BEDFORO WARREN APHSTRONG LACKAWANNA LUZERNE	6 1 1 15	40 12 41 55 40 41 41 25 41 20	78 15 79 01 79 40 75 40 75 44	780 2040 783	74	8A VAR	C	HRS. ALVERTA L. MOLMES DAVIO R. ANDERSON CORPS OF ENGINEERS U.S. POST OFFICE U.S. MEATHER BUREAU
GREENVILL HANOVER # HARRISBUR HARRISBUR HAWLEY	E S WB AP	3526 3662 3699 3704	MERCER YORK YORK OAUPHIN WAYNE	2	41 24 39 48 40 13	79 31 80 23 76 59 76 51 76 54 75 10	1026 600 335 323	6P 8A MIO 7A	8.8	H C H	C. EARL MILLER HANDVER EVENING SUM U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES		SELLERSVILLE 2 NW SHADE GAP 2 NE SHAMOKIN SHEFFIELO 5 W SHIPPENSBURG	7938 7965 7978 8026	BUCKS HUNTINGOON	5 6 15		75 20 77 52 76 33 79 08 77 32	530 920 770 1920		8A 4P	c c	SELLERSVILLE WATER CD. HAS. HELEN H. PYLE ROARING CREEK WATER CO. WILBUR R. NORDIN KEITH B. ALLEN
HAWLEY 1 HOLLIDAYS HOLLISTER # HOLTWOOD HOME	RURG	3761 4001 4008	WAYNE BLAIR WAYNE LANCASTER INDIANA	5 6 5 15	41 28 40 26 41 23 39 50	75 11 78 24 75 26 76 20	1200 960 1360 187	7A H1D	8 A 8 A	ССН	PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. RS. EONA M. BUSH		SINNEMAHONING SIZEPVILLE SLIPPERY ROCK SMETHPORT HIGHWAY SHEO SOMERSET FAIRVIEW ST	8145 8155 8184 8190	CAMERON CAMERON BUTLER HC KEAN SOMERSET	16 16 2 1	41 19	78 05 78 11 80 03 78 27 79 05	790 1230 1345 1510	7P	7 A 7 A 7 A 7 A	c H	MRS. FRANCES CALDWELL MR5. AGNES LION
HOME HONESDALE HONESDALE HONEY BRO HOP BOTTO HUNTINGDO	6 NNW OK 1 W OM 2 SE	4043 4044 4047 4066	WAYNE WAYNE WAYNE CHESTER SUSQUEHANNA HUNTINGOON	1 5 5 5 15 6	40 45 41 37 41 39 40 06 41 43 40 29	79 06 75 19 75 17 75 56 75 43 78 01	1410 1050 700 900	7A	9A 7A 7A 7A	C	MRS. EONA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. DIENGER	,	SOUTH CANAAN 1 NE SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STATE COLLEGE 2	8275 8308 8379 8449	WAYNE FRANKLIN YORK CENTRE CENTRE	17 5 12 15 16 16	41 31 39 51 39 52 40 48	75 24 77 30 76 52 77 52 77 52	1400 1520 470 1175	7A	7A 8A 7A	c c c	EUGENE M. COOK PA. OEPT. OF HEALTH P. H. GLATFELTER CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY

STATION	X NO.	COUNTY	AGE 1	TUDE	HUDE	NOLL		ПМЕ	VATION AND BLES	OBSERVER	STATIC
SIMILON	INDEX	COONT	DRAINAGE	LATITUD	LONGITUD	ELEVATI	TEMP.	PRECIP	EVAP.	OBSERVER	Sinite
STILLWATER DAM STOYSTOWN STRAUSSTOWN STRONGSTOWN STRONOSRURG	8580 8570 8589	SUSQUEHANNA SOMERSET BERKS 1NO14NA MONROE	19 4 1A A		79 29 78 97 76 11 78 99 74 12	1645 1800 600 1880 480	9A	94 84	c	COPPS OF ENGINEERS VERNON MONG JACOB KLAHR HARRY F. BENNETT WILLIAM HAGEPTY	WEST HICKORY WHITESBURG WILKES-BARRE WILLIAMSBURG WILLIAMSPORT W
STOMP CREEK SUNBURY SUSOUEMANNA TAMAQUA NO OAM	8668 8692 8758	SCHUYLKILL	1 15 15 14 14	41 01 40 52 41 57 40 48 40 51	78 50 76 47 75 36 75 58 75 59		7A	7a 7a 7a 8a 7a	c	CORPS OF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MRRY L. ROBERTS PANTHEP VALLEY WTR. CO.	WIND GAP WOLFSBURG YOPK 3 SSW PUMI YORK 2 5 FILTE YORK HAVEN
TAMARACA 2 S FIRE TWR TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE WATER WORKS TODYMANNA	8873 8885 8888	CLINTON FOREST CRAWFORO CRAWFORO MONROE	16 1 1 1 9	41 24 41 29 41 38 41 38 41 38	79 26 79 40 79 42	2220 1200 1550 1220 1950	84 7P 9P	7A 8A 7P 9P	, c H	MRS. FPANCES SWAPTZ COPPS OF ENGINEEPS PA. ELECTRIC CO. CITY OF TITUSVILLE MPS. JULIA GRAOY	YOUNGSVILLE ZION GPOVE ZIONSVILLE 3 S
TORPEDO & W TOWANDA 1 ESE TOWER CITY 1 5 TROY TUNNELTON	8909 8912 8959	WARREN BRAOFORO SCHUYLKILL BRADFOPO INDIANA	1 19 19 15		79 32 76 25 76 33 76 A7 79 23	1735 745 790 1100 890	7P 7A	7A 7A 7A 7A	C H	MRS. LILY 8. GARBER LEVEPN POOT JOHN MUPPY, JP. JENNIE L. BALLAPO MPS. MAPY E. WEIMER	
TURTLEPOINT & NE TYRONE & NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN VANDERGRIFT	9024 9042 9040	MC REAN BLAIR EPIE FAYETTE WESTMORELAND	1 6 1 10 7	A1 9A 40 43 41 99 39 94 40 36	78 16 78 12 79 48 79 44 79 33	1640 1020 1400 1040 800	6P	7A 7A 7A 6P 7A	É	ROBERT O. STRAIT FPEOEPICK L. FPIOAY HAROLO W. HAMMONO HM. W. MAPSTELLER UNITEO ENG. + FNOPY.CO.	
VIPGINVILLE WARREN WASHINGTON WATSONTOWN WAYNESBURG 2 W	9298 9312 9345	BERKS WARREN WASHINGTON NORTHUMBLAND GREENE	14 1 11 16 10	40 31 41 91 40 11 41 09 39 94	75 52 79 08 80 14 76 52 80 13	390 1280 1200 490 980	7P 6P	8A 7A 9P 7A	c	MPS. MARY M. WRIGHT GILBERT H. REIEP PA. OEPT. HIGHWAYS WILLIAM BIRO SAMUEL 8. GPEENLEE	
WAYNESBURG I E WEBSTER WILLS 3 SW WELLSBORO 3 S WEST CHESTER WEST GROVE I SE	9380 9408 9464	GREENE FULTON TIOGA CHESTER CHESTER	10 12 16 5	39 94 39 49 41 43 39 98 39 48	80 10 78 09 77 16 75 36 75 48	940 920 1920 440 450	7A 8A	7A 8A 84	CCC	SEWAGE OISPOSAL PLANT WILLIAM D. COVEP MAPION L. SHUMMAY OAILY LOCAL NEWS CONAPO-PYLE CO.	

												JAMIARY 1962
STATION	INDEX NO.	COUNTY	DRAINAGE ;	LATITUDE	LONGITUDE	NOTENATE	VALION I		SER TAE	AN	D	OBSERVER
WEST HICKORY WHITESBURG WILKES-BARRE WILLIAMSBURG WILLIAMSPORT WB AP	9655 9702 9714	FOREST ARMSTPONG LAZERNE BLAZE LYCOMING	1 15 6 16	41 34 40 45 41 15 40 28 41 19	79 29 79 24 75 92 78 12 76 99	1 1	090 930 610 860 527	M10	9A 7A 7A 7A MIO			MRS. HELEN F. KINNEAP CORPS OF ENGINEERS MRS. MAPY G. MIRMAR WYROM K. BIDOLE U.S. WEATHER BUREAU
WIND GAP MOLFSBURG YOPK 3 SSW PUMP STA YORK 2 S FILTEP PLANT YORK HAVEN	9823 9933 9938	NORTHAMPTON BEOFORO YOPK YORK YORK	5 6 15 15	40 91 40 03 39 99 39 96 40 07	75 18 78 32 76 45 76 44 76 43	11	765 190 390 640 310	5 P	74 5P 8A		c c	MRS. MARY D. MOELZEL WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY METROPOLITAN EDISON CO.
YOUNGSVILLE ZION GPOVE ZIONSVILLE 3 SE	9990	WARREN SCHUYEKTEL LEHIGH	1 15 14		79 19 76 13 79 27	9	225 940 680		7A 8A		¢	HENRY CAPLETT JAMES O. TEETER LESLIE HOWATT

<sup>1 1-</sup>ALLEGMENTY, 2-BEAVER; 313-SUSQUEHANNA, 16-WEST BRANCH, 17-VOUCHIOGHENY
4-CONEMAUCH; 5-DELAWARE; 6-JUNIATA, 7-KISKIMINETAS, 8-LAKE EPIE; 9-LEHIGH, 10-MONOGAHELA; 11-OHIO, 12-POTOMAC, 13-LAKE ONTAPIO; 14-SCHUYLKILL;

#### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month,
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D, C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated, price 15 cents.

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USCOMM-WB-Asbeville, N. C. --- 3/9/62 --- 1075





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## U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

## CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

FEBRUARY 1962 Volume 67 No. 2



ASHEVILLE: 1962

/PR 25 1202

a additionant of fittings

#### PENNSYLVANIA - FEBRUARY 1962

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 66° on the 26th at Donora and on the 4th at Kegg

Lowest Temperature: -18° on the 11th at Coudersport 3 NW

Greatest Total Precipitation: 5.31 inches at Everett 1 SW

Least Total Precipitation: 1.78 inches at Bradford 4 W Res

Greatest One-Day Precipitation: 2.13 inches on the 24th at Williams-

burg

Greatest Reported Total Snowfall: 28.0 inches at Troy

Greatest Reported Depth of Snow on Ground: 14 inches on the 20th at

Rew

#### PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

## CLIMATOLOGICAL DATA

				Ten	npera	ure										Preci	pitation				
										ı	No. of	Doys					Sno	w, Sleet			lo, of
Station	Average	Averoge	Average	Deporture From Normol	Highest	Dote	Lowest	Dote	Degree Doys	8 0		32° or Below 0° or	Totol	Deporture From Normal	Greatest Day	Dote	Total	Mox. Depth on Ground	Dote	.10 or More	.50 or More
POCONO MOUNTAINS REELANO AWLEY LEASANT MOUNT 1 W CRANTON	33.9 33.8 28.9 33.4	16.8 11.8 9.1 15.5	25.4 22.8 19.0 24.5	4	58 53 52 58	6 6	- 7 -13 -13 - 7	11 11 11	1102 1175 1281 1132	0		28 28 27	2 0 3.7; 3 3.39 5 3.87	.77	1.20 1.61 1.50	27 24 24 27	18.7 15.8 24.5	9 5 12	26+ 27+ 26+	11 7 10	1 1 1 2
CRANTON WB AIRPORT ROUDSBURG SBYHANNA	31.9 34.2 32.5	17.3 15.3 14.4	24.6	- 2.7	55 51 57	5 5	-10 -15 -13	11	1125 1120 1155	0	16 9 15	28	3 4.96 2 3.8	2.10	1.09	24 24	19.1 16.8	6 6	25+ 26+ 16+		1 4 2
OIVISION			23.5	- 2.7									3.81	1.20			17.7				
EAST CENTRAL MOUNTAINS LLENTOWN WB AP LLENTOWN GAS CO TTHLEHEM LEHIGH UNIV KLMERTON RT CLINTON	34.7 35.6 31.8 35.1 35.5	19.3 18.4 23.3 19.9 14.2	27.0 27.0 27.6 27.5 24.9	- 2.2 - 3.5 - 4.5 - 2.1 - 5.1	5 I 5 1 46 49 5 2	4 5 5+ 5+ 5	- 6 - 2 8 - 5 - 5	11	1056 1059 1044 1043 1119	0 0 0	7 16 9	26 26 24	1 4.59 1 4.38 0 1 4.36 2 4.70	1.69	.99 1.13 1.01 1.14	24 24 26 24	14.7 14.0 11.5 16.4 15.0	4 6 7	14+	10 11 9 10	2 3 5
OIVISION			26.8	- 2.9									4.5	1.84			14.3				
SOUTHEASTERN PIEDMONT  DATESVILLE 1 SW  EVAULT 1 W  EMRATA  EDRGE SCHOOL  RATERFORD 1 E	37.3 36.9 36.5 36.1 35.3	19.5 18.1 20.9 19.6 17.4	28.4 27.5 28.7 27.9 26.4	- 3.2 - 4.2 - 4.5	60 58 56 58	6+ 5 4 6 6+	- 2 - 3 - 5 - 5	11 11 11 11	1019 1043 1010 1030 1078	00000	10	27	2 3.98 2 D 3.89 1 4.39 3 4.46 2 3.92	1.87	•70 •96 •92 •84	27 26 26 27 27	12.7 16.0 9.5 13.3	7	14	8 9 10 9	3 4 4 4 4
OLTWOOD NICASTER 2NE PUMP STA NIOISVILLE 2 NW BREANON 3 NICUS HOOK	36.8 38.7 34.7 34.1 38.9	23.9 18.2 17.7 18.7 26.4	30.4 28.5 26.2 26.4 32.7	- 2.8 - 4.0 - 4.5 - 3.8	52 58 53 52 57	5	5 - 8 - 3 - 2	11 11 13	962 1016 1079 1073 901	00000	8 6 9	25 28 27 27	0 3.26 2 3.55 3 3.72 1 3.78 0 3.96	.95 1.07	.83 .84 .83 1.00	27 26 24 24 26	12.3 12.4 11.5 9.9	6 8 6	16+ 14 14	10 7 8 7 9	2 3 3 3 2
ORGANTOWN   GRETNA 2 SE ORRISTOWN   IL OREXEL INST OF TEC   ILADELPHIA WB AP R	37.7 35.9 39.5 38.2 37.3	19.0 19.3 24.0 25.2 23.4	28.4 27.6 31.8 31.7 30.4	- 2.8	58 53 61 58 54	5 4 5 5	1 4		1018 1043 924 925 963	0 0 0 0	9	27 24 23	0 3.80 0 4.01 0 3.38 0 3.51		1.14 .80 .87 1.03	26 26 27 26 26	13.0 9.1 12.5	3 4	14+	10 9	2 3 3 2 2
HILAOELPHIA PT BREEZE HOENIXVILLE 1 E JAKERTOWN 1 E EADING WB CITY R EST CHESTER	38.8 38.9 36.5 37.4 38.6	27.2 19.6 19.9 24.1 19.5	33.0 29.3 28.2 30.8 29.1	- 2.8 - 4.2 - 2.4 - 2.6 - 4.4	58 60 56 58 60	5 5 4 6	5 -11 - 3 4 0		889 997 1025 950 999	0 0 0 0	5 7 7	26 26 24	0 3 • 62 3 4 • 26 1 5 • 05 0 4 • 28 1 3 • 76	1 • 4 4 2 • 3 4 1 • 6 4	.86 1.00 1.09 .99	26 26 27 26 27	9.4 10.0 15.3 13.5 16.0	8 6 5	14 14 14+	10 8 10 9 8	2 4 4 3 3
DIVISION			29.2	- 3.8	**								3 . 93	1.26			12.3				
LOWER SUSQUEHANNA																					
ENDTSVILLE OSERVILLE 1 N RLISLE AMBERSBURG 1 ESE TTYSBURG	35.5 35.4 37.4 36.5 37.0	18.9 18.8 22.5 20.1 20.8	27.2 27.1 30.0 28.3 28.9	- 4.1 - 2.7 - 4.3 - 4.7	57 57 59 58 61	5 4 4 5	- 2 1 -11 0	11 11 11 11	1053 1057 974 1022 1004	0 0 0	10	27 26 26	0 4.75 1 4.11 0 4.05 2 4.41 1 4.54	1.85 1.57 2.15	.90 1.05 .85 .66	24 24 24 26 24	13.5 14.4 14.0 13.4 14.6	6 6 5 5 8	22+ 17+ 16+ 14+ 14	9 8 9 11 9	3 4 4
ANOVER ARRISBURG W8 AP R ERCERSBURG HIPPENSBURG DRK 3 SSW PUMP STA	37.7 34.9 36.6 37.4 39.0	20.6 21.4 19.7 21.0 22.1	29.2 28.2 28.2 29.2 30.6	- 4.2 - 4.4	64 53 61 57 63	5 4 6 4	3 0 - 1 - 4 - 8	11 11 13 11	996 1025 1023 1000 958	0 0 0 0	12 10 7	26 27 27	0 4.67 1 4.33 1 5.15 1 4.59 2 4.36	2.02	.93 .68 .85 1.02	28 24 24 24 24	13.5 15.9 14.5 18.0 15.8	4 5 6 6 5	14 17+ 12 21+ 14+		4 6 4 3
DIVISION			28.7	- 4.0									4.51				14.8				
MIDDLE SUSQUEHANNA																					
RWICK IGLISH CENTER EWISTOWN LLVILLE 2 SW EWORT	37.0 34.6M 36.6 33.1 37.0	19.6 13.0M 18.5 14.2 18.2	28.3 23.8M 27.6 23.7 27.6		56 52 62 50 58	5 5 5 5	- 6 - 5 - 1 - 7 - 7	8 12+ 12+		0 0 0	8 8 10	27 27 27	1 3.49 3 4.40 2 3.94 2 3.68 4 3.48		1.55 1.41 1.41 1.45 1.18	24 24 24 24 24	10.0 12.0 9.5	3 6 5 6 5	14 25+ 14 22 14	6 9 7 7	2 2 3 1 2
UNBURY DWER CITY 1 S ILLIAMSPORT WB AP	36.4 34.9 34.5	18.3 17.3 19.1	27.4 26.1 26.8	- 2+4	59 59 50	5 5 4	- 1 - 2 - 3		1048 1082 1063	0	9	26	1 3 · 73 1 3 · 26 1 4 · 05		1.60	24 24 24	9•2 11•5 19•7	4 5 5	14 17 17+	6 8 10	2 2 3
DIVISION			26.4	- 3.8									3.75	1.47			11.9				
UPPER SUSQUEHANNA STINBURG 2 W	32.4	11.4	21.9		F 2	E	_16	1,	1201	_	12	24			1 11	2,	12.6		24	7	
NTON 1 NW XON GLES MERE WRENCEVILLE 2 S	29.1 33.5 28.6M 35.6	12.5	20.8 22.9 19.8M 25.5	7	53 47 63 44 54	5 6 6 5	-15 - 8 -11 - 8 -16	11 11 12+	1201 1231 1173 1259 1100	0	22	27 28 27	4 2.37 5 2.37 3 4.08 5 3.38 4 1.96		1.11 1.30 1.65 1.37	24 24 24 24 24	13.5 14.7 20.0 17.5 13.3	5 9 6 8 5	26+ 24 22+ 25+ 25+	6	1
NTROSE WANDA 1 FSE LLSBORO 3 S	29.2 35.6 29.4	11.6 16.6 11.0	20.4 26.1 20.2	- 1.5	51 53 50	6 5 5		11	1242 1082 1248	0	19 9 20	26	5 3.73 1 2.54 5 1.93	.61	1.42 1.34 1.03	24 24 24	23.6 14.4 12.5	11 6 8	24 24 26+	10 6	1 1 1
DIVISION			22.2	- 3.0									2.80	.65			16+2				
CENTRAL MOUNTAINS																					

	Temperature  No. of Days  Station  9 Max. Min.															Precip	itation				
	Station 2 No. of Days  Max. Min.														Doy		Sno	w, Sleet		1	o. of Doy
Station	Station 9 5 Max. Min.																	Depth			ar More
	Average Moximum Mainimum Mainimum Mainimum Mainimum Minimum Mi															Date	Totol	Mox. on Gr	Dote	.10 or	.50 0
BELLEFONTE 4 S DU BOIS 7 F EMPORTUM 1 N LOCK HAVEN MADERA	35.4 35.6 31.5 35.0 33.6	17.1 18.1 10.5 15.8 14.1	26.3 26.9 21.0 25.4 23.9	- 4.7	60 57 55 52 57	5 4 5 5 5	- 3 - 5 -13 - 7 -11	11 13 11 12+ 11	1079 1059 1223 1102 1149	0	11 2 17 2 9 2	7 1 6 2 7 5 6 2 7 6	2.94	.81	1.36 1.27 1.10 1.45 1.27	24 24 24 24 24 24	12.0 16.3 13.5 13.9	3 4 7 4 4	14 24+ 25+ 17+ 12	6 5 7 7 8	2 1 1 1 1 1 1 1 2 1
PHILIPSBURG FAA AP RENOVO RIOGWAY 3 W STATE COLLEGE	32.3 36.5 36.7 34.3	14.3 14.7 15.1 18.0	23.3 25.6 25.9 26.2	- 3.1	55 56 56 60	4 5 4 5	-14 - 5 -17 - 2	11 12+ 11 12	1161 1095 1087 1083	0	6 2	6 5 7 2 6 5 5 2	0 2.60	•38	.89 1.23 1.15 1.26	23 24 24 24	13.8 11.5	8 5 5	26+ 24 25+ 22+	9 6 7 6	2 0 1 1 1 1 2 1
DIVISION			24.9	- 2.1									3.06	•68			13.5				
SOUTH CENTRAL MOUNTAINS																					
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW HUNTINGDON	36.1 39.2M 35.4 36.5 37.1	19.3 21.5M 17.6 18.3 16.7	27.7 30.4M 26.5 27.4 26.9	- 1.4 7 - 3.7	64 62 58 64 63	4 4 5 5	- 6 -10 -11 - 8 - 6	11 11 11	1036 976 1072 1048 1061	0 0 0 0	7 14 8	25 26 1 26 27 27 27	1 0 4.19 2 4.07 4 5.31	1.17	.93 1.33 1.19 2.09 1.47	24 24 24 24 24	15.0 12.8 19.0 15.7 10.0	9	17+	10 10 9	2 0 3 1 1 1 3 1 3 1
JOHNSTOWN KEGG MARTINSBURG FAA AP	35.6 38.6 36.4	20.9 18.4 21.0	28.3 28.5 28.7	- 3.1	62 66 61	5 4 4	- 4 - 9 - 5	11 11 11	1021 1015 1012	0 0	7	23 27 26	2 0 3.91		1.38	24	16.1 14.5	7	12	11	3 1
DIVISION			28.1	- 2.0									4.19	1.78			14.7				
SOUTHWEST PLATEAU																					
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETTSTOWN 2 W BUTLER CLAYSVILLE 3 W	41.3 36.3 38.8 38.9M 42.6	21.6 20.0 16.8 17.7M 20.4	31.5 28.2 27.8 28.3M 31.5	- 2.2 1	61 59 64 62 64	27+ 4 27 5 26+	- 1 - 2 -11 - 2 - 8	12+	933 1029 1034 1020 930	0 0 0 0	13	25 26 26	2 3.3 2 3.7 2 3.9 2 3.9 3 4.6	.45	1.62 .84 1.80 1.43 1.72	24 24 24 24 24	7•2 17•2 8•0	5	12+	15 11 8 12	1 0 1 1 1 1 1 1
CONFLUENCE 1 SW DAM DONEGAL OONORA FORD CITY 4 S DAM INOIANA 3 SE	39.5 39.9 46.0 38.7 40.4	17.5 18.9 22.6 17.9 20.4	28.5 29.4 34.3 28.3 30.4	- •6	65 63 66 62 62	27 4 26 27+ 26			1015 991 854 1021 960	0 0 0 0	7 3 8	27 22 26	5 4.23 3 3.7 2 2.9 2 3.5 1 3.6	.67	1.01 .49 1.05 1.60 1.15	24 24 24 24 24	9.8 9.5 10.8	6 3 4 4	12 12 12 15	11 14 9 10 9	2 1 0 0 1 1 1 1 1 1 1
MARION CENTER 2 SE NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R	36.1 40.5 42.3 43.2 36.3	19.0 20.9 24.9 20.8 20.3	27.6 30.7 33.6 32.0 28.3	.7	58 62 64 63 60	4 27+ 26+ 26	- 6 0 0 - 1 - 4	11+	1041 955 875 918 1020	0 0 0 0	4 5 6	25 22 25	2 3.8 2 2.5 1 3.8 1 3.0 1 3.5	•21	1.33 .94 1.05 1.45 1.34	24 24 24 23 23	14.9 5.6	6 2 3 3	184	8	1 0 1 1 2 1
PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM SALINA 3 W SLIPPERY ROCK STOYSTOWN	41.5 37.3M 41.5 37.1 36.3	24.7 10.9M 21.1 20.0 15.5	33.1 24.1M 31.3 28.6 25.9	3	64 60 62 60 60	26 4	- 6 -10 0	11	1170 933	0	5 5 7	24	0 3.7 5 3.1 2 3.2 2 2.2 4 3.6	1 7 2	1.50 1.61 1.20 .90 1.00	23 24 24 24 24	8.8 11.1 10.6	5 4	12	11 7 8 8 13	1 0
UNIONTOWN WAYNESBURG 2 W	45.3 44.8	26.0 21.8	35.7 33.3	1.1			-10		814 885	1 -1			0 3.1 3.6	2 1.15	.70 1.20	24	7.5		1 12	12	
DIVISION			30.1	- 1.0									3.4	7 .89			10.6				
NORTHWEST PLATEAU																22	30.6	8	25	+ 9	10
BRAOFORD FAA AIRPORT BRAOFORO 4 W RES BROOKVILLE FAA AIRPORT CLARION 3 SW CLERMONT 4 NW	30.6 33.6 34.9 30.0 33.0N	13.0 12.5 18.0 14.3 14.2	21 • 8 23 • 1 26 • 5 22 • 2 23 • 6 M		54 55 57 58 56		-15 -17 -17 -18	7 11 11 2 11	1204 1167 1072 1195 1161	0 0	17 9 18	28 26 28	3 2.6 5 1.7 3 2.5 4 2.9 3 3.0	8 9 0	.68 .57 .86 1.11 .78	23 24 23 24 24	20.6 21.8 12.7 19.4 22.0	7 4 5	25 25 25 25 25	+ 4	1 0 1 0 1 1 1 1 1 0
CONNEAUTVILLE CORRY COUDERSPORT 3 NW EAST BRAOY ERIE W8 AIRPORT	33.6 33.9 31.8 41.1 32.0	14.4 15.7 11.8 20.6 17.0	24.0 24.8 21.8 30.9 24.5	- 1.0	53 62	4 4	-11 -18 - :	11 11 11 11 3 11 3 11		0 0	13 19 2	28 27 23	3 2.6 2 2.6 5 2.1 2 4.1 2 1.8	825 1 9	•73 •77 •92 1•51 •39	24 24	17.8	11	12	10	3 1
FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE	RADY 32.0 17.0 24.5 - 1.9 59 4 - 3 11 949 0 2 23 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2														.66 .96 .68 .63	24 24 24	16 • 2 17 • 3 14 • 0 18 • 5	7	25	+ 1	5 1 0 9 1 0 5 1 0 7 1 0
MEAOVILLE 1 S MERCER 2 NNE TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN	SHARON  38.3  23.1  30.7  37.0  19.2  28.1  9 59 4 - 1 11 1026 0 7 26 2 2 2 2 8 1 4 1 1 1 1 2 2 3 1 1 2 2 2 2 8 1 1 2 9 1 1 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1														.65 1.05 .97 .92 .87	24 24 24	14.9 17.0 16.8 17.8	3 5 4 5 5	24 24 21	+ 14	8 1 0 4 2 1 6 1 0 4 2 0 9 1 0
OIVISION			25.0	- 1.7	7								2 • 6	.9			18•3	3			

																														FFB	RUARY	1762
Station	Total	1	2	3	4	5	6	7	В	9	10	11	12	Day	of M	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ACMETONIA LOCK 9 ALLENTOWN WB AR R ALLENTOWN SAS CO ALTOONA HORSESHOE CURVE AMENDYSVILLE	4.04 4.59 4.38 3.47 4.74	.03 .08	•11 •17 •12 •06 •20	.21 .05 .09 .04	T T	.03	-08 T -06	T T		+42	•27 •41 •49		•17 •09		.24 .43 .35 .55	T •12	.05	•12 •05		T .37 .25 .14	.10 .07	T •17	.16 .04 .19	-15	1.84 .99 1.13 .93	•01 T	.11 .95 .17 .24	.32 .36 .80 .23	.34 .38 .60 .25			
AUSTINBURG 2 H BARRES BARRES DAM BEAR GAR	2.37 3.37 2.97 3.44 3.95	T +08 +05 +02	T •02 T •07 •06	T •06 T •06	•10	+03	T .05 T .07 .10	•01 •12 •0?	T T	.16	•24 T •09 •22 •02		+18 +25		•34 •25 •44 •29 •51	•10 •02 •19 •04	.04	.05 T .05	т	T T .03 T	.05 .02 .18 .12	T •14 T •03	T .10 .20 .07		1.11 1.62 .70 1.43 1.45	T .07	T •35 •15 •10	.10 .05 .06 .35	.28 .19 .39 .54			
SEAVER FALLS  REAVERTOWN  RECHTELSVILLE  BELLEFONIE 4 S  RERWE	2.70 3.77 4.29 1.08 3.67	•01 T	.04 .02 .11 .04	.09 T .06	T T	T • 0 9	• 0 2 T	T T	Т		•05 •18 •50 •12 •37	T	•17 •01		•19 •61 •44 •39 •25	T •02	T	•12 •14 •06 •05		T .07 .06 T	T T .06	T	.20 .07 .15 .12		1.34 1.43 .95 1.36 1.06	T	.02 .08	.16 .52 1.17 .26	.26 .68 .57 .6D			
REPWICK SETHLEMEM LEHIGH UNIV SETHLEMEM LEHIGH UNIV SECREVILLE 6 ENE	3.49 3.89 - 3.72 4.11	•01 •22	•08 •02 •11 •09	.05 .23 .04 .07	•03	.10	T •01 T •17	•06 T		•13 •45 •30	7 •23 •03 •02 •35	• 02	.19	т	• 32 • 42 • 42 • 25 • 70	T •04	.02 .03 .11	T .04		.07 .26 .20 .07	.07 .08 .17	-02 -06 -12	.05 .16	T •06	1.55 - .84 1.05	т	.56 1.18 .81 .16	.27 .78 .17 .24	.3D .52 .20 .12			•
MONWFLL 1 SW SRA000CK LOCK 2 RRADEORD FAA AIRPORT SPADEORD CNTRL F19E STA SRAOFORD & W RES	4.73 3.86 2.65 7.17 1.78	.07 .03 .03 .05	*17 *15 *01 T	•I1 •12 •04 •04 •04	T T	T T	•11 •12 •04 T	•04 •01 T •02	T •02 T	.01	• 42 • 38 T • 07 • 02	T • 0 3	•37 •16 •03 •04 •04	T • 23	• 49 • 19 • 30 • 35 • 33	•21 •01 7 •08 •01	.08	.08 .08 T	T	.10 T .21 .15	•13 •01 •07 •18 •05	.04 T .23	.28 .13 .10 .12		1.28 1.52 .26 .70 .57	T T	•14 •13 •06 •05 •09	. 43 . 42 .10 .07	.26 .40 .12 .20			•
BREEZEWOOD BROCKVILLE FAA AIRPORT BRUCETON 1 S BUFFALD MILLS BURGETTSTOWN 2 W	3.93 7.59 3.51 4.25 3.95	• 02 • 09 • 02 • 08	•16 •01 •09 •15 •10	• 07 • 09 • 06 • 13		•11	•02 •12 T	T	т	•70 •11	T • •43 •39	•13 •09	.06 .48 .30	• 31	• 15 • 19 • 42 • 15	.03 .02	.27	.01 .02	Т	.08 .10 .05	.03	.45 .18 .03 .06	.04 .18	.86	.67 .1D 1.25	т	•62 •12 1•57 •18 •23	.32 .06 .50 .45	.39 .10 .23 .68			•
BUTLER CAMP KLINE CAMP TO NW CANTON 1 NW CARLISLE	04.19 3.02 3.08 2.37 4.09	* T * * 03	0.10 .08 T	•07 •13 •02 •03	T	т	D.05 .04 T T	•02		D.40	-14 -24 -20		0.15 .13 T		* • 39 • 17 • 14 • 69	D.20 .02 .03 .18	D.08	•03		.01 T	• •14 •02	•12	.20 T	т	1.33 1.43 1.49 1.30	*03 T	.62 .23 T T	.46 .02 .47 .22	.5D .28 .36 .21			•
CARROLLTOWN 2 SSE CARTER CAMP 2 W CEDAR RUN CMAOOS FDRO CHAMBERSBURG 1 ESE	3.96 2.66 2.57	•02 T T	.06 .04 T	.07 .03 .02 .03		•03	•13 •10	*02 T *10	T T	T T	•17 •16 •15 •45		• 23 • 04	т	•47 •38 •20 •42 •58	•04 •08 •10	.01	.07 .15 .12 .34		.11 T .05	.03 .10 .05 .29	T	.23 .15 .07 .21		1.51 .96 1.40 .52	* <sup>07</sup>	.06 T .22	.28 .25 .16 .81	.46 .25 .05			•
CMARLERO1 LOCK 4 CLARENCE 1 E CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W	3.58 3.34 2.90 4.14 4.60	.04 .05 .08	•17 •03 •02 •11 •14	*15 *05 *05 *10 *14			•12 T •03 •02	T •05 •04 •03			.46 .30 .09 .40	Т	•18 •05 •12		•18 •68 •33 •32 •22	•02 •10 •05		.10 .05 .06		.03 .05 .03 .36	•05	·03	.14 .10 .27 .17		1.23 1.20 1.11 .75 1.72	T	•13 •13 •12 •45 •23	.40 .12 .15 .78	.23 .33 .27 .65			•
CLEARFIELD CLERMONT & NW CDATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW	3.95 3.05 3.98 4.22 4.30	•14 •11 •08 •09	.07 .02 .07 .14	•04 •07 •15 •20	т	Т	.07 .02 .05 .02	•08 •05 •01	т	•05 T	•30 •22 •55 •40 •42	T T	•25 •04 •24 •26	Ŧ T	• 77 • 18 • 43 • 22 • 26	•05 •12 •04 •05	т	.29 .08 .02 .04	Т	.07 .14 .37 .23	•10 •32 •09 T	.02 T	.36 .28 .32 .21 .23	• D4	1.07 .78 .62 1.01 1.00	T T T	.06 .12 .26 .40	.08 .30 .70 .32	.09 .22 .43 .67			•
CONNEAUTVILLE CONNEAUTVILLE CONNELLSVILLE CONSHOHOCKEN COCKENING	2.63 2.61 3.05 4.38 2.65	•06 •07 •10	T •20 •09	*16 *14 *16 *07	Т		•02 •02 •12 T	.03 T	•01	т	T •01 •18 •57		•14 •17 •17	•03	•03 •28 •16 •43 •27	•35 •05 •05	T	•02 •03 T		•44 •39 •11	.04 .46 .02 T	T •06	.34 .38 .20 .62		.73 .68 .75		.06 .03 .05 .44	.01 .32 .64	.26 .26 .44 .49			
COPADPDLIS NEVILLE IS CDRRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 WSW	3.29 2.68 2.11 3.16 1.90	•06 •05 •04 •12	.02 T	.05 .03 .01	Т	т	T •06 •01 T	.01 .06	* 01 T	•02	• •03 •10 •24 •20	Т	•34 •07 •06 •04		•17 •46 •10 •32	•02 •18 •12 •20	.03	.09 .02 .08 .14		•31 T	•17 •10 •24	•07	-13 -20 -08 -17		* •77 •92 •94	т :	2.00 .10 .08 .23	.28 .04 .07 .15	.15 .21 .21 .25			
CREEKSIDE CRESSDN 2 SE DANVILLE OFVAULT 1 W DIXON	3.65 3.78 3.67 D3.89 4.08	T 02 T D 10 T	.25 .18 .04 .10	.05 T	T +04	*14	•15 •08 T	T • 04 T	T	0.75	•25 •35 •15		•20 •30		.45 .56 .42 D.45	10 •12	*	T •08 •12	Т	T T •58	T •15 •05	•21	.22 .20 .08 T	Υ	1.36 .80 1.47 .60	т	.15 .05 .96	.27 .48 .40 T	.35 .44 .72 T			
DONEGAL DONO®A DOYLESTOWN DU BOIS 7 E EAGLES MERE	3.73 2.07 4.14 3.01 3.38	*16 *13 *04 *04	.02 .07 T	•05 •09 •02 •05	т	*19 *09 T *09	.06 .01 T .04	.03		•23 •41 •52 •10	•01	•16	•03 •11 •09	•12 †	•23 •13 •44 •47 •21	•03 T T •21	.09 .11 .02	* <sup>0</sup> 1 T	Т	.10 .01 .40 .05	*11 † *13	.32 .09	.26		.49 1.05 .62 1.27 1.37	Ť	+28 +20 1+12 +34 +20	.40 .35 .29 .06	.20 .12 .38 .26			•
EAST BRADY EBENSBURG EDINBORO EMPORIUM 1 N ENGLISM CENTER	4.19 4.07 2.94 4.40	•52 •10 •40 •05	•10 •05 •03	•10 •08 -	•05		•37 •08 - T	•05 - •07 •05		•21	*33 - *15		•24 •35 •21 •05	•03	•61 •30 •41 •27 •49	•10 •22 •25 •08 •11	* <sup>41</sup>	.08 .05 .09		-05 T	.06 - .16	*12 T	•29 - •20 •41		1.51 1.19 .23 1.10 1.41	Υ	T - .05	.36 T .32	.40 - .24			•
EPHRATA EOUINUNK 2 ERIE WB AIRPORT EVERETT 1 SW FARRELL SHARON	4.39 4.13 1.84 5.31 2.65	.05 T 0.05	•14 T •10	.05 .15 .03 .02	т	T T	.04	T T	т	.64 T	.24 T	•22	T . 21	•13	• 52 • 36 • 24 • 58 • 24	•15	•11 T	T •02	.05	.35 .28 .21	.35 .01	.05 .13 .01	+32	.07	.80 1.73 .39 2.09	т	•92 •38 •08 •19 •17	•32 •23 •11 •41 •21	.30 .29 .04 .63			
FORO CITY 4 S DAM FRANKLIN FREELANO GALETON GEIGERTDWN	3.57 2.64 03.72 3.09 4.06		.08 T D.40 .14	•12 •09			•17 •02	T •05 •14 •03	Т	т	•16 T •32 •12 •68		•14 •14		•47 •30 D•30 •33 -42	•03 •04 •12 •12	•03	.07 .08 .05 .08		.02 .04 .14 T	T •09	·03	.15 .28 .24 .12		1.60 .96 .28 1.08	.07	•10 •05	.14 .03 1.20 .17	.25 .34 .40 .20			•
GEORGE SCHODL GETTYSBURG GLEN HAZEL 2 NE DAM GLENWOORE GLENWILLARD DASH OAM	4.42 4.54 3.07 4.15 3.18	•05	.05 .14 T .07	.08 .05 .10 .05	т	т	.01 .03	•01 •06 T	•01	7	•50 •43 •12 •65 •22		.05 .08	т	.51 .61 .40 .45	•10 T		.05 .02 .13 .06		.25 .30 .10 .17	•29 T •15 •30	T .02	.32 .38 .27 .25	Т	.80 .85 .98 .68	.04 T	•26 •08	.84 .56 .04 .90	.46 .80 .19 .46			•
GOULDSBORO GRATERFORO 1 E GREENSBORO LOCK 7 GREENVILLE	3.70 3.76 3.92 3.95 2.44	.07	.07 .08 .07 .27	.08 .10	T	т	.09 .05 .14 .15	•02 T		Т	•25 •52 •53 •41	•06	•16 •03	T T	.36 .34 .30 .10	•11 •02 T	.05	•06		.34 .03 .05	.09 .03	·03	.14 .08 .07 .07		1.52 .66 1.03 1.17	Т	.08	.51 .87 1.13 .45	.40 .46 .54 .54			•
HANOVER HARRISBURG WB AP R HARRISBURG NDRTH HAWLEY HOLLISTERVILLE	4.67 4.33 4.03 3.39 3.50	•04 •01	.19 .05 .07 .03	.04 .05 .05 .06	•04 •05	.08 T	.04 T .04 .06	T		•50	•39 •38 •20 •24		•02 •01 •02	•10	•68 •51 •59 •15 •23	T •05 •13 •15	•12		T T	•27 •33	T •09 •08	•10 T	•31 •02 •14		.89 .68 .93 1.61 1.57	T •04 •12	•21 •67 •29 T	.68 .32 .47 .42	.93 .42 .60 .42			•
HOLTWOON HONESOALE 4 NW HONEY BROOK 1 W HOR BOTTOM 2 SE HUNTINGDON	3.26 3.98 3.68 3.20 4.43	•03 T	•11 •06 •06	.06 .12 .07	•01	т	.09 .20 .06 .35				•24 •19 •65 •20 •29		T •06		•13 •21 •32 •19 •63	•16 •35		T .08		•22 T •15	•22 •16 •15 •		.22 .23 .15	T T	.53 1.63 .61 1.58 1.47	T .08	•20 •20 •01	.83 .36 .83	.41 .34 .44 .53			
MUNTSDALE HYNDMAN INDIANA 3 SE JAMESTDWN 2 NW JERSEY SHORE	3.63 4.28 3.65 1.98 3.76	.01 .02 .09		.08 .06 .08 .10	•01		.05 .04 .25 .02	•01 •02 •08			.24 .43 .24 .02		.05 .23 .17 .12	т	•59 •48 •41 •22 •41	T T •04 •02 •06		.08 .05 .03		•15 •06 •09 •07	T •02 T •05	T T	•11 •03 •18 •23	Т	.85 1.51 1.15	T .01	.08 .46 .15 .08	• 44	.82 .42 .45 .23			•
JOHNSTOWN KANE 1 NNE KARTHAUS KEGG KITTANNING LDCK 7	4.72		.07 T .02	.60 .06 .04	T T		.07 .02 T	•10 •07 T	т	T •51	•07 •09 •12	•32	.40 .09 T D.14	0.05	.43 .43 .45	.18 .04	•27	* .06 .08		•50 •13 T	T •18 •08	•06 T	•20	•07 T	1.38	T T	•12 •04 •12	.35 .06 .32 1.01	.24 .21 .36 .42			

RENNSYLVANIA FEBRUARY 1962

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Station		Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of Mo	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 30
KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE RUM LANOISVILLE 2 NW	R STA	4.27 4.16 3.94 3.55 3.72	T • 03	.07 .05 .07 .08	.08 .12 .11 .06	•02 •02 •02		.01 .14 .10	•02		•51	.27 .38 .14 .03 .39				. 43 . 31 . 24 . 48	•09 •15 •12	.07	.10 .07 .03		.06	•13 •24 •09	•01	.21 .24 .16	.01	1.08 1.33 1.85 .72 .83	.02	.06 .02 .03 .84 .25	.74 .62 .49 .26	.87 .59 .39 .05	
LAWRENCEVILLE 2 S LEBANON 3 W LEMIGHTON LE RDY LEWIS RUN 3 SE		1.96 3.78 3.06 2.53 2.31	T T .03	T •09 •10 T	.09 .04 .08 .05	T T	.03 T	.03 .03	•03	.02	.16	T • 28 • 25 • 22 • 04		.03		•24 •30 •55 •29 •36	.05 .07 .10 .08	•05	.07 .06 T	т	.14 .20	T •05 •03 •06 •17	T -01	.03 .02 .15	.01 .05	.91 1.00 .59 1.31 .87		•12 •03 •26 •09 •03	.10 .69 .06 .16	.18 .77 .55 .24	
LEWISTDWN LOCK HAVEN LONG ROND 2 W LYNCH HAGERA		3.94 3.02 4.61 3.05 3.57	.02 .01 .03 .04	.03 .02 .06 T	.03 .03 .11	T T		T •02 T	.01 .02 .10	т		.15 .17 .26 .09		.03 T	T	.55 .40 .53 .45	*11 T *15 *15 *04		.11 .10 .56 .06		.02 .03 .03	•13 •17 •29 •10 •07	T T	.12 .07 .23 .35	T 1	1.41 1.45 1.05 .91 1.27	T •02 •08	.06 .11 .15	.44 .15 .68 .05	.78 .34 .48 .40	
MAHAFFEY  MARLE GLEN  MARLETON DERDT  MARCUS HOOK  MARIDN CENTER 2 S	E	4.13 4.02 4.46 3.96 3.83	.05 .01 .03	.06 .03 .09 .05	.07 .05 .04 .03	T	.03	.15 T .06	T .03	T T	•45	.26 .45 .32		.17 .07		.60 .47 .71 .37	•04 T •02	• <sup>0</sup> 2	.11 .07 .10	Т	.19 .12 .71	.08 .25 .06 T	.30 .03	.28 .23 .15 .10		1.52 .56 1.49 .43 1.33	.01	.07 .25 .01 .99	.32 .69 .54 .28	.35 .58 .66 .15	
MARTINSBURG FAA A MATAMDRAS HC CONNELLSBURG MC KEESRORT MEADVILLE 1 S	R	3.40 4.02 4.23 2.87 2.28	.11 T .04	.03 .13 .03	.04 .09 .04 .04	•06 T	.04	1 •12 •01 •05 •01	.10 T	т	. 25 T	•01 •33 •29 •	.15	.09 .14 .23	• 21	•10 •23 •52 •16 •33	T • 27	.07	•11 •07		.11 .06 .13	.02 .16 .09 T	•14	T •23 •23 •16 •25	•72	.44 1.23 .92 .65	Т	.36 .03 1.35 .07	.35 .74 .73 .49	.27 .56 .78 .24	
HEDIX RUN HERCER 2 NNE MERCERSBURG HEYERSDALE HILANVILLE		3.31 4.05 5.19 4.05 4.06	.03 .30 T .20	.03 .02 .25 .17	.05 .48 .10 .07	•01		.10	.07 .10 T	Т	.10 T	.12 T .50 .35		.05 .25 .12 .20	Т	.47 .10 .55 .32 .23	*12 T		.09 .20 .50 T		.04 .10 .23 .12	.07 .15	T •08	.18 .38 .30 .17		1.30 1.05 .85 1.17 1.48	.01	•07 •22 •42 •47	.28 .10 .62 .23	.28 .50 .75 .47	
MILLHEIH MILLVILLE 2 SW MILRDY MDNTROSE MORGANTDWN		3.47 3.68 4.25 3.73 3.80	.03 T .01 .05	.02 .04 .03 T	.03 .09 .03 .10	T T •01 •07	.13	.03 .07 .03 .08	T T •01	т	.52	•13 •19 •21 •21		•02 •05	т	.48 .47 .62 .35	.05 .08 .10 .20	T .06	.10 .11 .13 .16	т	T T •15	.17 .05 .06	1 T T •09	.09 .12 .15 .19	.03	1.29 1.45 1.31 1.42	.07	.03 T .10 T	.36 .46 .51 .49	.64 .48 .71 .20	
MT GRETNA 2 SE HYERSTOWN NATRONA LDCK 4 NESHAMINY FALLS NEW CASTLE 1 N		4.07 4.05 2.54 4.45 2.59	.05 T .02	.08 .07 .06 .05	.04 .13 .47 .02		.04	.11	•01	Т	.44	.61 .10	т	.10		•50 •42 •26 •42 •22	T + 02	.08	.06 .07		.33 .12 T .49	.02 T	.10 † .22 T	.01 .22 .08 .16	-17 T	.63 .87 .59 .72	T T	.80 .20 .10 1.16	.41 .54 .30 .34	.36 .30 .20	)
NEWELL NEW RARK NEWRORT NEW STANTON NEW TRIRDLI		3.82 4.06 3.48 3.05 4.76	.20 .02 T	•15 •02 •05 T	.06		т	•20 •01 T	T T		•16 •50 •32	•35 •24 •02 •04	.13	.20 .25 .02		. 25 . 60 . 45 . 03 . 63	Ţ	.02 1 T	.02		.15 .06 .41	T T	.07	.10 T	1.45 T	1.05 1.05 1.18 .17 1.09		.40 1.25 .02 .27 1.01	.45 .15 .43 .14	.25 .50 .75 T	5
NORRISTOWN NORTH EAST 2 SE DRWELL 2 NW RALM RALMERTON		1.98 4.87 4.3	*08 T	*10 T	.07 .02 T .12	Т	•01	T .10	.04 T	Т	. 31	.52 .01 .10 .52		.04		.31 .43 .17 .55	T ~	T .05	•04 •04 T		.26 .33 .42 .33	•31 •11 •12	.10	.31 .11 T .22	.16	.55 .58 1.13 .92	T	•14 •09 •15 1•01	.87 T .40 1.15		7
RARKER RAURACK 2 WNW RHIL DREXEL 1NST RHILAOELRHIA W8 A RHILADELPHIA RT 8	R R	2.64 03.72 3.38 3.51 3.62	.07 .02 .05 .04	.06 .04 .04	.06 D.12 .02 .02	•01	.02 .04 .04	T *11	.03	T T	.27 .43 .40	•06 •22		•16		• 33 • 24 • 38 • 42 • 40	•12	.02			.01 .53 .52	.04 .08 T	.20 .22 .22	.12	.01 T	.33	.02	.13 .01 1.03 .85	.07 .51 .33 .33	.13	7 0 3 4
RHILIRSBURG FAA A RHOENIXVILLE 1 E RIKES CREEK RITTSBURGH WB AR RITTSBURGH WB CIT	2 //R	3.17 4.26 3.87 3.55 3.71	.05 .05 .03 .14	.04 .05 .03 T	.03 .01 .07 .10		.09 .04	.05 .10 T	T T T	T	•11 •61 •27 •35	T +16 T T	.08 .14 .13	т	.38	•54 •43 •24 •02	•02 •25	.03 T	.06 T	Т	.08 .55 T T	.01 .09 T	.08 .17 T	. 17	.89 .05 T 1.34 1.50	1.68	.03	.16 1.00 .05 .27	.47	. 44	6 4 9
RLEASANT HOUNT 1 RORT CLINTON ROTTSVILLE RUTNEYVILLE 2 SE OUAKERTOWN 1 E	W DAM	3.87 4.70 3.97 3.11 5.05	.06	.05 .12 .11 .03	.08 .05 .04 .05	т		.01 .05	•02	Т		•22 •55 •27 •13 •53		.15		• 25 • 58 • 44 • 35 • 48	•10 •04		.10 .04 .10 .04		T •40 •14 •05	.19 .06 .02 .04	T	.24 .20 .13 .14	•01	1.61		. 23 . 27 . 19	.09	.66 .7:	6 3 9 5
RAYHOND READING WB CITY RENDVD REW RICES LANOING L	R	2.43 4.28 02.60 2.76 3.41	* .03 .02 T .08	*10 *05 T	•15 •03 •02 T		• 05	.02 T .01		•01 T	.53	.16 D.13 .14		.02 .01 .04		.30 .45 .33 .38	T •06	.05	.08 .13 .04	. 0	.05 .32 T 4 .14	.09 T .01	.09	.08	*18	1.07 1.23 .89 1.12	3	.10 .99 .05	.27	.2	3 4 9
RIDGWAY 3 W RUSHVILLE RUSSELL SAGAMORE 1 S SALINA 3 W		2.77 2.66 2.33 2.95 3.27	.04 .05 .09 .10	.03 .02	.05 .10 .02 .11		.06	.01 .04 T .20	.06 T T	T T • 02	.14	.15 .09 .20		.04 .02 .10		.40 .18 .34 .20	•15 •15		.07 T		•10 •13 T	.07 .05 .17	.04 T	.05 .12	-17	1 - 1 5 1 - 1 6 - 8 4 - 5 0 7 1 - 2 0	10	· 25	•27 •10 •30 • 25	.2	5 6 6 0
SAXTON SCHENLEY LDCK 5 SCRANTON SCRANTON W8 AIRPO	OR T	4.71 3.45 - 3.04 4.10	T •02 T	.15 .04 .02 .07	.05 .10	т	.09	.02 .07 .03 T	T	Т	.18	.37 .18 .01 T		• 2 3		.56 .42 .35 .24	•02	.01	.07 .12		.14 .03 0.05 .02	T	.02 1	.13		1.51 1.59 .23 1.24	T T	*12 *20 *33 *32	• 15 • 65 • 11 • • 55	.5	3 2 8
SHIRRENSBURG SINNEHAHDNING SIZERVILLE SLIRRERY RDCK SOMERSET FAIRVIE	w st	4.59 2.66 2.78 2.22 3.67	.06 .02 .05 .07		.06 .04 .04	1	Т	T .02 T T	.03 T	т	* 60 T	.11 .05 .26		•12 •03 •14 •11	T	.66 .28 .34 .16	.06		.06 .08 .14	3	.30 T .07	.03	•12 T •11	.07	1	1.02	T T	.04 .13 .07	· 26 3 · 12 7 · 16 7 · 22	3 .2 .2 .2	6 0 7
SOUTH HOUNTAIN SRRING GRDVE STATE COLLEGE STDYSTOWN STRAUSSTOWN		4 • 48 4 • 94 3 • 40 3 • 66 4 • 62		.23 .21 .02 .10	.10	Т		.06 .05 .02	T			.44 .38 .22 .25		•16 •05 •05 •27	5 T	.63 .61 .38 .40	•07		.04 .02 .01	7	.25 .28 .02 .10	.03 .06	Т	.32 .25 .13 .25	Т	1.00	5 50	- 28 - 3 3 - 0 - 1	1 •69 3 •36 2 •35	9 .9	3 5 8
STRDUDSBURG STUMP CREEK SUNBURY SUSQUEHANNA TAMAOUA		4.96 2.88 3.73 3.21 3.91	† •03 † •02	.06	.04	T	.01 T T	.05 .0-			•50	.09 .12 .14		*10 T	D T	• 53 • 33 • 26 • 17 • 39	•01	2	7 T T .06	F T	.27 T .03 T	T	*11 T	.15 .15 .04	• • 0;	1.4	ь т Э	1.0: -1: -0:	4 .3	3 .8 3 .2 1 .7	2 8
TAMAOUA 4 N DAM TIDNESTA 2 SE DAI TITUSVILLE WATER TOBYHANNA TORREDD 4 W		2 · 82 2 · 77 3 · 87 2 · 31	.02 .08	T	. 08 . 08 . 08			T • 0.3 • 0.5	T	т	T T • 30	•15 •05 T	.05	•01	G	.61 .41 .35 .31	•07	.0	.00 7 T 7 .01		.10 .53 .04	. T	•09 •06	30 9 .08 6 .13	3       0: 7	3 .9. 1.2	2	• 1 • 0 • 3 • 0	9 .05	6 .4 5 .3 2 .3 5 .2	10
TOWANDA 1 ESE TOWER CITY 1 S TRDY TURTLERDINT 4 NE TYRONE 4 NE BALD	EAGLE	2.54 3.26 2.75 2.10 4.06	.05	.03	.08	T		•01 •02 •02 T				•14 •20 •24 •06		T • 0		• 35 • 36 • 21 • 27 • 60	9 T 1 +14 7 +17		.0:	9 5 0	.01	.07	•0	.00 .11 .00 1 .11	2	1 • 3 • 9 1 • 3 • 7 1 • 2	8 3 6	3 T •1· •0 •0	2 .01	8 .2 8 .1 2 .7	7 ! 7 . 8 ! 1
UNION CITY FILT UNIONTOWN VANDERGRIFT VIRGINVILLE WARREN		2.49 3.14 3.41 3.82 2.88	•27	.08	•10		•10	• 03 T • 07		т	. 2	.01 T .23 .21	т	•0 •1 •1	5 T	• 32 • 10 • 33 • 18 • 40	) T	۰۰ ا	T .00	7	.13 .03	Т	-1;		2 .1	3 .7 1.6 1.1	0 .0	.0 .3 .0 4 .1 4 .1	4 .4 5 .2 0 .7	4 .3 7 .3 4 .7 9 .2	56 51 72 25
WATSONTOWN WAYNESBURG 2 W WELLSBORO 3 S WEST CHESTER WEST GROVE 1 SE		4.61 3.62 1.93 3.76 4.25	•07 T		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.02	.0a	.02 .06 .03	Т		• 2	. 43 . 23 . 55		† •1 †	5	• 56 • 07 • 06 • 35 • 46	7 •0: 6 •0: 9	1 T	7 T	7 T	.20 .02 .03	.04 T	•16 •04 T		8 4 0 .0		0 3 T 8	• 4 • 2 • 0 • 2 • 2	9 .4	9 .2 4 .1 5 .5	27 15 52

ference notes following Station Index.

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Station	Ital													Day	of M	onth																
- Diation	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WHITESOURG WILKES BARRE WILLIAMSBURG WILLIAMSPORT WB AP WOLFSBURG		T +03	-18	.07 .03 .19 .06	T	.07	06 •03 •06	T T T	Ť	• 20	*14 *13 *41 T	т	.17 .22 1	.02		+03 +10 T	.17	T T •21 T	T		1 .02 .03 .04	.09	.04		1.47 1.79 2.13 .88 1.43		+09		.28			
YORK 3 SSW PUMP STA YORK MAYEN ZION GROVE ZIONSVILLE 3 SE	4.36 3.69 3.34 4.22		•10 •13	.05 .05	т		•06	т		•30	.06 .45 .24 .36		•09 T			T •10 •01		.07 .03			.04 .16		.14 .13 .10		.89 .75 1.30 .86		-11	.47 .54 .45	.63			

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum		rages -		Numl	per of d	ays with	precip:	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.0109	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN WB AIRPORT	NE	18	9.5	33++	NW	24	80	82	70	76	1	5	8	2	0	0	16	_	7.4
ERIE WB AIRPORT	NE	15	12.7	35++	ENE	24	82	83	75	80	12	8	7	0	0	0	27	-	8.9
HARRISBURG WB AIRPORT	ESĒ	21	7.8	32	W	20	72	78	67	69	4	6	7	4	0	0	21	39	7.6
PHILADELPHIA WB AIRPORT	N	13	9.5	28	NW	24+	75	78	68	69	3	5	7	2	0	0	17	38	7.5
PITTSBURGH WB AIRPORT 2	WNW	10	10.4	46++	W	14	79	80	69	72	11	3	10	0	1	0	25	31	8.7
READING WB CITY	N	-	9.7	38	N₩	24	-	-	-	-	3	5	6	3	0	0	17	42	7.1
SCRANTON WB AIRPORT	NNW	10	7.6	29	NW	6	77	81	68	70	10	7	6	0	1	0	24	38	7.7
WILLIAMSPORT WB AIRPORT	E	15	7.9	27++	SSE	14	78	78	63	69	7	8	7	3	0	0	22	-	7.7

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Station							0	7	0	9	10	11	12	13	14	Day (	Of Mo	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	1	Average
ALLENTOWN W8 AP	MAX	28	2 21	33	51	46	38	23	37	34	31	23	29	36	37	39	31 20	39	35 19	30 23	35	32	35	39 32	39	32 17	38	39	41		-	3	4.7 .9.3
ALLENTOWN GAS CO	MIN	15 29	10	20	19	34 51	18	30	25	40		23	25	33	34	40	42	37	42 20	36 21	36	37	34	37 31	41 31	41	35 20	39	41			3	5.6
ALTOONA HORSESHOE CURVE	MIN	22	9	10	64	29 54	38	20	10	35	28	20	24	31	9 35 22	35 21	32 22	36 27	34	33 26	35	30	55 26	46 26	35	34	36 27	42	42			3	6.1
ARENOTSVILLE	MIN	25	31	23	34	35 55	57	- 1 26	24	40	30	- 6 25	25	26	34	43	37	36	42	34	35	37	32	38	41	43	37	38	41			3	5.5
AUSTINBURG 2 W	MIN	11	18	18	38	53	19	20	18	30	32	18	23	33 - 1	33	25 32 15	33	29	33	30	38	32	34	50 19	37	36	35	40	39			3	32.4
BAKERSTOWN 3 WNW	MIN	23	32	45	61	60	40	19	38	38	33	22	31	35	40	32	34	36	39	52	47	36	53	52	40	49	60	61	47			4	1.3
BELLEFONTE 4 S	MIN	28	16	30	39	60	56	22	20	29 39 19	33	28	21 25 1	27	33	35 19	35 23	35 29	38	38	38	33	35	47 26	36 30	40	37 19	39	41			3	35.4
8ERWICK	MAX	25	9 27 15	15 34 25	53 27	31 56 29	12 50 19	22 4	38	36 22	32	20	33	36	36 18	38	34	39	36 17	35	37	35 18	43	41	38	36 17	42	42	42			3	37.0 19.6
BETHLEHEM LEHIGH UNIV	MIN MAX MIN	18 27 19	26	28	46 26	46	40	20	34 18	30 25	30	20	27	28	34	33	27	34	30	29	31	26	32	34	35 30	30	39	38	36 32			3	31.8
8LAIRSVILLE 6 ENE	MAX	22	31 15	40	59	52 26	29	17	39	28	26	24	26 18	32	34	29	32	32	34	44 28	25 19	34	51	43	35 21	41	56 30	54 41	46			3	36.3
8LOSERVILLE 1 N	MAX	25 11	32 16	26 18	39	57 32	51 18	28	24	38	31	28	23	26	35	40	38	38	43 19	33	32	36	36	38	41	40	35	37	41			3	35.4 18.8
BRAOFORO FAA AIRPORT	MAX MIN	13	25	34	54	50	15	9 - 3	26	30 14	14	23	32 12	32	30 18	32	28	27 15	3 Ú 8	33	26 13	30	43	30 19	30	36	46	40	40			3	30.6
8RAOFORO 4 W RES	MAX MIN	15	29	33	55	52 27	30	12	29	31	27	25 -17	32 13	32	32	32	30	29	29	34	35 14	30	45	39	30 19	38	47	48	40			3	33.6
8ROOKVILLE FAA AIRPORT	MAX	21	30 16	39 22	57	52	19	15	34	33	20	24	34	33	34	34	32	35 17	33	44	29	31	48	34	38	39	47 31	47	42			1	34.9
8URGETTSTOWN 2 W	MAX	23	24 15	34	46	62	55	21	25	40	34	20	25	34	42	35	35 25	35	36	45	51 24	32 19	45	54 23	37 25	30	55 23	64	46				38.8
BURNT CABINS 2 NE	MAX	27	34	49	62	60	28	23	42	39	30	30	30		40	37	36	41	40 15	38	38	30 18	48	48	40 32	37	40	43	48			1	39.2
BUTLER	MAX	21	25 19	38	27	62 29	55	21	26	37	34	-10	22	36	38	34	31			40	50	33	45	51 25	37 26		50	61 36	47				38.9
CANTON 1 NW	MAX	15	12	25	37	45 35	47 10	20	17	32	31	14	15	29	29 10	31 17	32	3 O 2 S	31	26	31	28	30	36	33	33	30	38	38				29•1 12•5
CARLISLE	MAX	30	30 18	38	59	51 32	38	25	40 15	34	32	25	27 15	34	41	39	34	43	38	33	39 30	36 23	38 28	41	42 31	37 19	37 31	41	45				37.4 22.5
CHAMBERSBURG 1 ESE	MAX	30 21	26 18	38	58	57 29	33	27	40	30 25	31	23	25	33	41	36 25	33 16	42	32 17	33	37 23	32 20	40	40	42 27	38	36 28	39 33	50				36.5 20.1
CLARION 3 SW	MAX MIN	15	24	34	58	45	26	8 - 7	26	26 18	24	16		28	27	24	26 16	27	28	39 25	31 15	27 11	43	35 16	28 18	35 14	39 26	38 29	35				30.0 14.3
CLAYSVILLE 3 W	MAX	26 19	35 17	49	64	55	36 10	22	40 11	35 29	28	27	38	38	47	35	37 24	37 27	42 17	54 36	36 22	39 21	5 <b>8</b> 35	36 25	48	58	64 32	63 27	47				42.6 20.4
CLERMONT 4 NW	MAX	16	26	23	56	48	28	10	28	34	30	30 -16	36	36	34 26	30 20	28	34	38	34	27 12	27 16	42	36 18	32 22	30	42 26	42 35	36 26				33.0 14.2
COATESVILLE 1 SW	MAX	27	30 15	26 15	39 26	60	60	29	26 11	40			23	33	38	40	39	3 6 2 0	43	39 21	36 30	38 23	34 27	41	43 33	44 19	35 20	44	44				37.3 19.5
CONFLUENCE 1 SW OAM	MAX	26	27	38	50 27	62	53	18	27	36 25	31	19	27 -13	29	41	36	38	36 27	34 12	41 14	55 24	31 19	38	58 28	51 28	3 7 2 2	47 24	65 33	56 43				39.5 17.5
CONNEAUTVILLE	MAX	12	22	31	38	59 37	49	20		33	29		22	28	40	30		35 25	33 13	40 17	41 19	33 13	40	44	31 18	27	47 26	49 30	34				33.6 14.4
CORRY	MAX		27		1	53	26		31		23	23	31	38	33	32	1		33 10	37 29	33 17	33 10	41		29 18	42	47 31	45 31	40				33.9 15.7
COUGERSPORT 3 NW	MAX		26	34	53	49	30	11	27		21		30	31		31	28		30	32	33 16	28	45 22	40 12	32 15	32 7		44 33	39				31.8
OEVAULT 1 W	MAX	30		38	56	58	36	22	38		31	30	30 13	34 14	39 14	39 14	33 20	42 21	32 18	32 27	35 23			40 28	43 19	42	42 28	42 32	42				36.9 18.1
DIXON	MAX		21	28	34 26	47 30	63	23	20		31	15	20 -10	33	33		35	31 12	36	31	35 24	32 6	36 7		37 28		36 16	43 32	42 32				33.5 12.2
OONEGAL	MAX	23	34	47	63	56 21	25	20	44	33	21		29	36	46 26	33 22	34 26	34 19			31 16	40			49 24	47	62 32	55 42	44 24				39.9 18.9
OONORA	MAX	28	36 14	51	64	62	41	24	44	38	34		35	40 14	46	37	37	41	48	59	46 25	41 24	62	57 29	52 28	55 25	66 39	65 40	50 34				46.0 22.6
OU 8015 7 E	MAX	20	30	40	57	55 36			33 14		28	23	34	31	33	32	30	32	32	36	37 18			47 22		34 15		47 33	46 30				35.6 18.1
EAGLES MERE	MAX	15	15		32		43	20	15	30	29	12	21	30	31	28	30		35 8		27 21			32 25			30 8		40 30				28.6 11.0
EAST BRACY	MAX	25	35 19	45	62	54 33		20	38 14	36	34		40		3 B 3 O			3 B 2 2	40		42 24			50 24			50 34	47 36					41.1 20.6
E8ENS8URG	MAX MIN	20	31 14	41	58	48 32	32	15	35 10	31 25	25	25 <b>-</b> 11	23 13	31	32 21	31 18	31 21	32 25			34 18		51 26	45 24	35 20		53 25	54 36	42 26				35.4 17.6
EMPORIUM 1 N	MAX	15	21	29	36		50	12	13	31	32	18		31	32	32		31	34	32	35 19	31	33	47 20	34	34	30 13						31.5 10.5
ENGLISH CENTER	MAX	21 - 2	23		45	52	44	24	19	37	33	20	28	35	37	37		34	38	36 9	35 27	35 11	32 16	45 25					43				34.6 13.0
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## DAILY TEMPERATURES

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Station											T		T.		Τ		Of M				r	г.				_			-	-		Average
EPHRATA	MAX	32	2 23	3 3 7	56	5 5 5 5	31	7	8	32	29	22	12		39	15	-	17	18	19	37	21	39	23	24	25	28	43	28	29	30 31	36.5
ERIE W8 AIRPORT	MIN	20	14	19 36	59	29 58	21	9	17 25	23	14	- 5	13	36	36	2 1	34	32	16	26	29	23 35	26	31	31	16	50	33	30			20.9
EVERETT 1 SW	MIN	26	28		33 47	17	59	22	16	40		20			36		36	16		36	36	23	2 8 3 5	24	13	35	35	31	17			17.0 36.5
FARRELL SHARON	MIN	23	36		53	53	15 29	20	37	35	25	24	35	- 2 39	35	37	41	37	36	18	40	36	50	30 40	30	50	26 57	32 49	36			18.3
FORO CITY 4 S OAM	MIN		27	35	36 46	62	54	21	17 25	25 38	34	21	25		40	35	32	35	36	30	50	33	30	26 55	46	24	40 51	34 62	28			23.1
FRANKLIN	MAX		31	39	59	31 52	28	17	43	35	25		36	37	35	32	35	35	18	46	35	35	26	40	35	43	25 48	37 44	38			17·9 37·0
FREELANO	MAX	20	15 22 9	23 30 18	29 49 28	28 58	52 12	19	33	33	27	22		36	36	34	30	36	32	31	31	18	33	25	34	16	33	33 46	26			33.9
GEORGE SCHOOL	MAX	28	31 15	35	38	53	58	31		37		24	20		32	39	38	42	12 38 19	37	32	35	33	34	40	41	37	35	30			36.1
GETTYSBURG	MAX MIN	27 10	32	20 35 18	40 23	30 61 30	59 21	27	12 25 11	19 42 22	20 32 18		23	26	35 13	28 44 27	17 37 20	21 38 25	42 22	25 35 28	29 37 31	21 37 25	26 33 27	32 37 31	33 42 32	19 43 21	23 36 24	35	35 46 35			19.6 37.0
GRATERFORO 1 E	MAX	23	29	24	37	56 28	56	30	25	40		21		32		38	١	32	40	35 18	35 27	36 22	33	36	40	41	32	32 42	42			35.3
GREENVILLE	MAX	26	32	43	61	55 29	29	18	36 11	33	24	22	34	37		34		35 25	38	46	35 21	36 18	47	39	33	18 47 20	18 53 35	32 47 32	37			17.4 37.5 19.6
HANOVER	MAX MIN	27	31	25 18	38	64	62	29	26	44	33		25	27		43	38	37	44	36	36 31	39	39	39	42	46 21	38	41	43			37.7 20.6
HARRISBURG W8 AP	MAX MIN	29	22	37	53	48	34	25	42	32	32	20	26	32		35		41	31	31	37	30	38	39	40	33	38	38	44			34.9 21.4
HAWLEY	MAX	20	22	23	34	48	53	25	21	40	35	22	30		39	35	40	32	39	36 11	31 18	33	35 10	36 26	39	35	31 12	35 27	40			33.8
HOLTWOOD	MAX MIN		24	43	49	52	37	27	40	32 25	32	21	29	37		36 26	33	42	37	33	37	32	42	40	46	35 21	40	41	42			36.8
HUNT I NGOON	MAX	26 12	28	33	45	63	55 19	23	23	43		25		29	36	39	37	38	40	38	44	35	33	46	41	40	38	40	44			37.1
NOIANA 3 SE	MAX MIN	26 17	35	45	61	54	32	18	38	34	30	29 -10			41	35	35	35 28	40	47	39	38	56 32	43	44	47	62	51	48			40 • 4
JAMESTOWN 2 NW	MAX	16	20	32	39	58	50	20	24	33		14	21	30	36	31	34	38	34 12	40 18	46 19	32 16	40	45	33	25	43	52	36			34.1
JOHNSTOWN	MAX	23	25 21	38	45	62	53 14	17	26	38		18	25	27	34 14	34	31 26	36	32 12	35	41	28	34	56 32	38	33	39	5 O 3 5	48		j	35.6
CANE 1 NNE	MAX	15	19	29	35	55 31	49	17	20	29	34	17	25	35	37	31	31	30	32	35 10	35 18	30	33	46	33	25	39	41	46			32.3
EGG	MAX MIN	25 20	32 19	52 25	66	57 25	27	24	40	34		24	25		38	38	37 18	35 18	38	36 26	34	33	59	42	40	41	42	45	51			38.6
ANCASTER 2NE PUMP STA	MAX MIN		28 13	39 20	58 21	57 26	52	26	42 14	41 18		23	30	34	39	39	35 11	44	38 14	34 25	3 8 2 9	36 19	42	43	42 29	38 16	42 27	41 31	42			38.7
ANOISVILLE 2 NW	MAX MIN		29 17	24	36 19	53	51 22	27	25 10	42	31	20	21	27	33	38		38 21	40 13	34 21	35 30	35 22	41	38 31	40 31	40 18	33	40	39			34.7
AWRENCEVILLE 2 S	MAX MIN	19	31	40 15	48	54 35	39 13	19	33	33 21		23 -16	34	37 - 3	38 26	39 19	32 8	35 27	31	38	36 25	34	48	43 28	35 20	35 - 1	41 29	39 <b>3</b> 2	42 32			35.6 15.4
EBANON 3 W	MAX MIN	24	28 14	24 14	36 23	52 29	46 22	27 8	23	3.8 20	30 13	- <sup>24</sup>	22	29 10	35 12	38	40 22	3 1 2 2	42 18	34	35 27	37 22	32 24	38 31	40	38 17	33 22	40 30	40 33			34.1 18.7
EWISTOWN	MAX MIN	26	27 18	30 17	43	62 27	49	28	25 8	43	33 17	28	27 - 1	30	35 2	3 8 2 8		38 20	41	35 16	3 9 2 9	38	33 25	40	41	40	38 19	37 32	41 35			36.6 18.5
OCK HAVEN	MAX MIN		25 13				47 17	25					- <sup>24</sup>					35 22		34 18		37 20			37 27	37	36	39 33	43			35+0 15+8
MADERA	MAX MIN	18	22	31 16	42	57 31	54 11	18 - 2	19 - 3	37 17	32 10	19 -11	24 ~10	27	32	33 21	32 21	33 25	34 10	33 11	38 22	29 14	34 18	50 26	35 25	35 17		43 31	45 35			33.6
MARCUS HOOK	MAX MIN	33 24	27 18		48	57 37	43	27 14	38 21	35 29	34 10	23	32 18	36 19	42 26	42	35 28	46 32	38 26	38 32	40 31	33	40	45 37	49			44	43			38.9
MARION CENTER 2 SE	MAX MIN	21		41 18	58	52 33	18	16 - 1	35 13	32 27	19	26 - 6	29 14	31 10	36 24	29	3 2 2 2	33 25	33 14	45 28	33 19	35 16		45 27		41 19			46			36.1 19.0
ARTINSBURG FAA AP	MAX MIN	24 19	31 18	47 25	61 38	56 26	29		41 17		30	20 - 5	23	31	36 25	33	35 26	35 26	33 15	39 31	36 25		56 32	42		35 18			43			36.4
EAOVILLE 1 S	MAX MIN		20		36 17	56 33	51		24	32	31		22	31	37	31	32 22	35	35		43	30	39		33	27 10	43		39 31			33.5 14.0
ERCER 2 NNE	MAX MIN	23	30	41	58 28	51 27	32		35	35	26	22		35			36	36	35	45	35 19	33		45	35	43 18	53	50	42			37.5 17.6
ERCERS8URG	MAX MIN	30	31 19	29		56 30	61	29	25	41	31	30	25	26	33	42 27		38	43		3 8 2 9	36	32	37 30	40	42	39	38	41 36			36.6 19.7
ITLLVILLE 2 SW	MAX MIN	20	24	27 13	32	50	49	25	19	36	33	19	20	31	36	34	38 15	33	39	33	34	34	32 15	38	38	36	37	40	41		İ	33.1
ONTROSE	MAX		15	27	33		51	18	16	32	32	12	18	32	30	33	30 15	28	33	25	28	26										29.2
ORGANTOWN		30		34	57	58	42	26	44	32		24	30	40	3.8	3.8	31 17	41	37	33	38	30	42	42	41	41	44	42	43			37.7 19.0
T GRETNA 2 SE		28	22	37	53	52	34	24	40	32	34		30	33	36	37	36 17	42	34	32	37	30	38	42	40	32	41	42	43			35.9 19.3
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### DAILY TEMPERATURES

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Station		,		_	4					_	10	11 10		13	14	Day 15	Of Month		18	19	20	21	22	23	24	25	26	27	28 29	29 30 31	Average
NEW CASTLE 1 N	MAX	25	33	3	62	60	33	7	37	37	29	23	35	37	39	34	39	38	38	49	39	35	50	49	37	49	61	60	43	30 31	40.5
NEWELL	MIN	26	6 30	20	28	32 64	10	20	15 36	27 38	34	22	18	33	29 45	34	35	29 35	38	34	23 54	33	32 53	22 58	50	21 48	35 53	33 64	28		20.9
NEWPORT	MIN	18	22	24	26 42	33 58	16 55	5 28	16 26	30 39	32	35	23	30	33 36	27 36	39	32	43	37	38	47	31	30 40	40	2 <b>6</b> 40	35 37	40	40		37.0
NEW STANTON	MIN	27	20	20	63	28 57	39	8	8	21	16	- 7 28	- 7 31	38	47	26 35	37	18	46	58	30 46	43	60	32 42	52	55	63	33 52	35 52		18+2
NORRISTOWN	MIN	32	20	25 40	18	61	7	4 27	18	19 37	- 1 34	2 2 4	9	39	29	25	35	21	38	32 35	39	33	35	28	46	23 37	38 49	38 45	26 42		39.5
PALMERTON	MIN	22	16	33	30 49	40	20 39	13	21 36	25 33	29	24	30	34	27 37	28	32	29	35	35	29 37	31	32	35 41	39	31	31	36	35 41		35.1
PHIL DREXEL INST OF TEC	MIN	30	10 25	34	24	35 58	18	10	13	22 36	34	<del>-</del> 5	12	34	25	22	34	27	39	35	20 36	33	39	34 50	21	15 35	30 53	36 43	36 41		19.9
PHILAOELPHIA W8 AP	MIN	30	25	33	28	38	24	16	38	29 37	34	21	15 31	16	26 39	29	33	30 42	36	35	30 37	33	34	28	33	35	31 52	36 43	37 41		25 • 2 37 • 3
PHILAOELPHIA PT 8REEZE	MIN	22	16	24 35	28	33 58	18	11	19	22 38	9 35	25	14 33	37	27	25 39	34	26	40	36	28	33	32	35 45	26	37	32 53	37 45	37		38.8
PHILIPSBURG FAA AP	MIN	19	18	27	30 55	40 53	32	18	23	31 30	14 26	5 19	21	22	27	29 31	30	31	26	31	32	29	33 48	36 34	28	24	33	39 43	38		32.3
PHOENIXVILLE 1 E	MIN	11	11	20	34 57	21	3	- 2 27	8	21	- 1 33	-14 27	0 31	- 7 36	20	20	34	16	6 37	24	16 37	13	38	24	18	10	25	34 42	22		14.3
PITTSBURGH W8 AP 2	MIN	21	14	21	24	31	25	11	14	19		-11	- 7 30	- 4 34	7	26 30		33	16	32 50	29 30	21	28	32	32	19	30 60	34	34		19.6
PITTSBURGH W8 CITY	MIN	15	15	25	29	20	5	23	17	20	24	- 4 26	19	12	27	25		22	19	30 55	22	23	30 57	2 <b>6</b> 37	24	22	36	33	25		20.3
	MIN	19	21	30	34	23	10	5	23	23	10	5	24	18	30	28		28	32	33	25	28	36	29	27	26	39	39	26		24.7
PLEASANT MOUNT 1 W	MIN	- 4	16	23	35 13	25	10	0	0	12		-13	- 5	3	11	17	3	16	2	8	15	9	10	24	24	3	6	25	31		9+1
PORT CLINTON	MAX	5	28	10	38 15	52 28	17	30	25 6	38 11	10	25 - 5	27	- 2	39 5	37 19		33	14	35 19	22	37 15	20	38 29	28	39	35	29	30		35.5
PUTNEYVILLE 2 SE OAM	MAX	- 4	11	34 14	20	60 32	- 3	- 1	36 18	36 18	34	- 6	- 2 - 2	37	37 6	20		24	36	12	18	37	42	52	40	33	43	58	50		37.3
QUAKERTOWN 1 E	MAX	28 18	25 10	35 19	52 20	56 30	50 23	25	39 12	34 16	32 15	24 11	31 4	37	30 26	39 24	12	30	37 19	33 25	35 25	16	36 27	31	32	11	28	33	39		36.5
READING W8 CITY	MAX	29	24 16	37 24	58 29	53 37	39 19	25	42 21	33 27	32 9	25	31 17	37	38 26	41 26	32 24	42 32	37 24	29	38 29	33 26	29	34	40 25	35 21	41 30	36	36		37.4
RENOVO	MAX	27	26 10	34 13	36 24	56 29	50 15	26 3	21	38 14	35 11	28 - 5	28 - 5	33 6	38 5	36 21		35 20	12	36 12	3 <b>6</b> 12	38 21	3 <b>6</b> 20	48 26	39 26	38 16	39 17	39 32	46 33		36.5
RIOGWAY 3 W	MAX	23	30 12	38 13	5 <b>6</b> 25	51 33	34 8	16 -10	32 0	34 17	31 - 6	26 -17	36 16	35	34 24	33 18		34 27	35 12	41 27	39 20	34 11	49 28	45 20	37 15	40	46 28	47 33	41 30		36.7 15.1
SALINA 3 W	MAX MIN	24	34 19	46 16	59 27	55 34	35 6	17	38 14	39 30	31 5	25 -10	31 20	36 0	43 28	35 25	35 26	35 30	40 19	53 27	40 29	38 19	55 34	49 26	49 22	51 22	62 35	60 39	47 30		41.5
SCRANTON	MAX MIN	18	20	33 13	36 20	48 32	58 15	22 5	19 5	37 15	37 10	15 - 7	20 - 4	32 10	36 10	34 20		32 22	35 15	32 14	32 22	31 15	38 17	41 27	38 28	37 14	36 15	42 32	43 35		33.4 15.5
SCRANTON W8 AIRPORT	MAX MIN	20 13	26 10	32 25	47 27	55 31	31 11	16	34 9	34 22	22	14 -10	29 11	30 5	33 21	3 <b>2</b> 2 0		33 20	28 14	28 23	31 20	30 14	38 27	35 28	3 <b>6</b> 16	30 15	42 28	38 34	41 31		31.9 17.3
SHIPPENS BURG	MAX	30 22	28 16	38 18	57 25	50 30	45 19	23	40 15	37 25	30 14	24	28 14	32	40 23	38 22		42 28	38 20	34 25	38 28	36 23	3 8 2 8	40 28	41 30	38 18	38 28	40 32	50 34		37.4 21.0
SLIPPERY ROCK	MAX MIN	22	30 12	40 23	60 32	52 <b>26</b>	26	17	34 14	34 24	25 5	20	35 18	36 10	36 26	3 2 2 2		38 26	37 11	48 32	33 21	34 23	48 31	38 24	35 23	46	56 33	49 33	45		37.1 20.0
STATE COLLEGE	MAX	20	22	29 15	47	60 38	53 15	21	20	40	31 13	24 - 1	23	27	33 7	34	33 22	34 27	37 17	31 17	37 25	40 22	33 25	46 31	3 <b>6</b> 30	36 17	34 18	38 33	41 35		34.3
STOYSTOWN	MAX	21	26 17	34 19	46 32	60 30	52		25 - 3	37 24		17 -10		28	36 4		32 20	34 24	33	36 12	44	28 11	38	53 26	40 27	37 18	37 22	58 32	53 39		36.3
STROUDSBURG	MAX MIN	24 I1	21	32 19	48 25	51 26	40 12	20	36 5	34 15		20 -15	33	35	38 21	38	30 14	40	38 16	27 20	34 20	31 13	34 25	40	34 15	35 11	36 25	39 31	40		34.2
SUNBURY	MAX MIN		26 19			59 29	50 18		26	41	35	24				45	40	34	43 18	35 19	35 28	40 22	34	40 28	40 30	38 16	36	39 32	42		36.4
TIONESTA 2 SE OAM	MAX	16	23	29	37		52		21		34	18	24		37	31	30	34 26	33	36 15	42 19	30 15	40	47 24	34 24	26 15	42	47 33	42		33.9
TITUSVILLE WATER WORKS	MAX		26	33	56	49	23			31	21	20	32	34	31	28	30 15	29	33	39		30 11	43	34 21	30 16	41		41	38		32.4
TOSYHANNA	MAX	18		32	45		50		32	30	26	24 -13		34	33	33	28			28		27 11	34 18	35 27	33	28	35	44	41		32.5
TOWANDA 1 ESE	MAX	21	31	37	43	53	43	20	37	34	32	20	33	33	28	39	32		30		34	40	46	38	35 18	37	44	40	49		35.6
TOWER CITY 1 S	MIN		26		41	33 59	54		23	36	31	21			37		35	35	41	38	35	35	37	38	39	37	33	39	43		34.9
UNIONTOWN	MIN	27	35	52	65	33 58	39		38		33	30	33		53	36	37 29	38	49	19 58 38	26 42 27	19 42 23	61 40	31 56 31	31 54 30	56 26	65 40	32 62 43	50		45.3
WARREN	MAX	20	32	35	58	39 54	22	15	32	34		26	34	37	32	36	33	34	35	38	35	34	48	38	32	43	47	47	41		35.6
WAYNESBURG 2 W	MIN	27	12 35	50	33 65		9 38		39	36	34	- 8 30	35	40		34	37	36	48	55	40	40	60	25 52	16 53	60	30 65	64	50		17.6
WELLSBORO 3 S	MIN	19	19		35	29 50	10	- 1 19	16 16	26 31	30	-10 13	22	13	31 30	26 30	32	31 29	18	32 25	30	29	34	27	33	31	29	38 37	30		21.8
	MIN	- 4	1	9		34	9	- 2	- 2	15		-12		4	4	16	16	22	7	7	20	14	16	22	22	9	9	28	30		11.0

# Continued DAILY TEMPERATURES

PENNEYLVANIA FEBRUARY 1962

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YORK 3 SSW PUMP STA	MAX	30 23	26 18	40 21	63 24	57 28	52 23	25 9	44 15	39 23	31 17	- 23 - 8	29 17	36 - 2	40 25	40 26	36 16	4 4 3 1	41	33 29	38 31	36 20	40 29	41 31	44 33	37 19	42 32	42 34	4 4 3 6				39.0

## DAILY SOIL TEMPERATURES

00-41																																	
And	Time				,	,										Day	of mo	onth															959
Depth		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avere
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2 INCHES	8 AM	28	28	29	29	30	30	27	27	28	29	27	27	26	29	28	28	29	28	29	30	29	30	30	30	28	30	30	30				28.7
TE COLLEGE 2																													00				20.1
2 INCHES	MAX	29 25	30 27	33 29	33 32	34 33	34	30 24	32 25	31 30	31 30	29 27	30 28	30 27	31 29	31 31	31 31	33 31	32 28	32 31	32 31	30 29	32 31	33 32	33 32	32 30	33 32	34	34				31.8
INCHES	MAX MIN	29 25	30 27	32 29	33 31	34 33	34 32	31 25	31 26	31 30	32 30	29 26	30 28	30 27	31 29	32 31	32 31	33 31	32 30	32 31	32 31	30 29	32 31	32 32	33 32	32 31	33	34	34				31.8
	MAX	29 28	30 29	32 30	34 32	34 33	34 33	31 29	32 29	32 31	33 31	31 29	31 30	31 30	31 30	32 32	33 32	33 32	33 31	33 31	33 32	32 31	32 31	32 32	33 32	33	33 32	35 33	35 34				32.4 31.1
INCHES	MAX	31 31	32 31	33 32	33 32	34 33	34 33	33 32	33 32	33 32	33 32	33 32	32 32	32 32	32 32	33 32	33 32	34 33	33 33	33 32	33	33 32	33 32	33 32	33 32	33	34	34	34				33.0 32.3
	MAX	33 32	34 33	34 33	35 33	35 34	35 34	36 33	34 32	34 33	34 33	35 33	34 33	33 32	33 32	34 33	34 33	35 33	34 33	34 33	34 33	34 32	33	33 32	34 33	34 33	34 33	35 33	34				34.1 32.9
	Depth Depth District Rich Lab Record Inches Linches	And Depth Time Depth And Depth Time OFIELD RSCH LAB NINCHES MAX MIN DISVILLE 2 NW I INCHES 8 AM TO COLLEGE 2 I INCHES MAX MIN INCHES MAX MIN INCHES MAX MIN INCHES MAX MIN INCHES MAX MIN INCHES MAX MIN INCHES MAX MIN INCHES MAX	And Depth Time 1  D FIELD RSCH LAB  3 INCHES MAX 32 MIN 31  DISVILLE 2 NW 2 INCHES 8 AM 28  TE COLLEGE 2  INCHES MAX 29 MIN 25  INCHES MAX 29 MIN 25  INCHES MAX 29 MIN 25  INCHES MAX 31 MIN 31  INCHES MAX 31 MIN 31  INCHES MAX 33	And Depth Time 1 2  D FIELD RSCH LAB 3 INCHES MAX 32 32 MIN 31 32  DISVILLE 2 NW 2 INCHES 8 AM 28 28  TE COLLEGE 2  INCHES MAX 29 30 MIN 25 27  INCHES MAX 31 32  INCHES MAX 31 32  INCHES MAX 31 31  INCHES MAX 33 34	And Depth 1 2 3  Diffeld RSCH LAB  NAX 32 32 32 32 MIN 31 32 31  DISVILLE 2 NW  INCHES 8 AM 28 28 29  E COLLEGE 2  INCHES MAX 29 30 33 MIN 25 27 29  INCHES MAX 29 30 32 MIN 25 27 29  INCHES MAX 29 30 32 MIN 25 27 29  INCHES MAX 29 30 32 MIN 25 27 29  INCHES MAX 29 30 32 MIN 25 27 29  INCHES MAX 29 30 32 MIN 25 27 29  INCHES MAX 31 32 33 31 32 INCHES MAX 31 32 33 31 32 31 INCHES MAX 33 34 34	And Depth 1 2 3 4  Depth 1 2 3 4  Depth 1 2 3 4  Depth 1 2 3 4  Depth 1 2 3 4  Depth 2 3 3 4  Depth 2 3 3 4  Depth 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	And Depth	And Depth	And Depth 1 2 3 4 5 6 7  D FIELD RSCH LAB 3 INCHES MAX 32 32 32 32 34 35 35 MIN 31 32 31 31 32 34 32  E COLLEGE 2 INCHES MAX 29 30 33 33 34 34 30 MIN 25 27 29 32 33 31 24  INCHES MAX 29 30 32 33 34 34 31 MIN 25 27 29 31 33 32 25  INCHES MAX 29 30 32 33 34 34 31 MIN 25 27 29 31 33 32 25  INCHES MAX 29 30 32 33 34 34 31 MIN 28 29 30 32 33 33 32 25  INCHES MAX 29 30 32 33 33 32 25  INCHES MAX 31 32 33 33 34 34 33 31 INCHES MAX 31 32 33 33 34 34 33 31 INCHES MAX 31 32 33 33 34 34 33 33 INCHES MAX 31 32 33 33 34 34 33 33 INCHES MAX 31 32 33 33 34 34 33 33 INCHES MAX 31 32 33 33 34 34 33 33 INCHES MAX 31 32 33 33 34 34 33 33 INCHES MAX 31 32 33 33 34 34 33 33	And Depth 1 2 3 4 5 6 7 8  D FIELD RSCH LAB SINCHES MAX 32 32 32 32 34 35 35 - DISVILLE 2 NW SINCHES 8 AM 28 28 29 29 30 30 27 27  E COLLEGE 2 SINCHES MAX 29 30 33 33 34 34 30 32 SINCHES MAX 29 30 32 33 31 24 25  INCHES MAX 29 30 32 33 34 34 31 31 SINCHES MAX 29 30 32 33 34 34 31 31 SINCHES MAX 29 30 32 33 34 34 31 31 SINCHES MAX 29 30 32 33 34 34 31 31 SINCHES MAX 29 30 32 33 34 34 31 31 SINCHES MAX 29 30 32 34 34 34 31 31 SINCHES MAX 29 30 32 34 34 34 31 32 SINCHES MAX 29 30 32 34 34 34 31 32 SINCHES MAX 31 32 33 33 34 34 34 31 32 SINCHES MAX 31 32 33 33 34 34 34 33 33 SINCHES MAX 31 32 33 33 34 34 34 33 33 SINCHES MAX 31 32 33 33 34 34 34 33 33 SINCHES MAX 31 32 33 33 34 34 34 33 33 SINCHES MAX 31 32 33 33 34 34 34 33 33	And Depth   1   2   3   4   5   6   7   8   9    D FIELD RSCH LAB   3   1   32   32   32   34   35   35   -     DISVILLE 2 NW   3   32   31   31   32   34   35   35   -     DISVILLE 2 NW   3   32   31   31   32   34   35   35   -     DISVILLE 2 NW   3   3   3   3   3   3   3   3   DINCHES   MAX   28   28   29   29   30   30   27   27   28   DISVILLE 2 NW   3   3   3   3   3   3   3   3   3	And Depth	And Depth	And Depth 1 2 3 4 5 6 7 8 9 10 11 12  D FIELD RSCH LAB SINCHES MAX 32 32 32 32 34 35 35	And Depth 1 2 3 4 5 6 7 8 9 10 11 12 13  Diffeld RSCH LAB SINCHES MAX 32 32 32 32 34 35 35 31 MIN 31 32 31 31 32 34 32 32 30  DISVILLE 2 NW SINCHES 8 AM 28 28 29 29 30 30 27 27 28 29 27 27 26  E COLLEGE 2  SINCHES MAX 29 30 33 33 34 34 30 32 31 31 29 30 30 MIN 25 27 29 32 33 31 24 25 30 30 27 28 27  INCHES MAX 29 30 32 33 34 34 31 31 32 29 30 30 26 28 27  INCHES MAX 29 30 32 34 34 34 31 31 32 29 30 30 26 28 27  INCHES MAX 29 30 32 34 34 34 31 32 32 33 31 31 31 31  INCHES MAX 31 32 32 33 33 34 34 31 32 32 33 31 31 31 31  INCHES MAX 31 32 32 33 33 34 34 35 35 35 36 34 34 34 35 34 35 34 33  INCHES MAX 31 32 32 33 33 32 32 32 32 32 32 32 32 32	And Depth	And Depth	And Depth	And Depth 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17  Diffeld RSCH LAB SINCHES  MAX 32 32 32 32 34 35 35 30 31 32 33 33 33 33 34 34 36 35 35 36 36 36 36 36 36 36 36 36 36 36 36 36	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth	And Depth

Erie Co Field Rsch Lab - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Rye grass and native weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam. Ground Cover: Permanent blue grass sod which is kept clipped to a height of 2 inches. Instrumentation: Weston Electric Soil Thermometer.

State College 2 - Slope of Ground: Gentle slope to the southeast. Soil Type: Hagerstown siIt loam. Ground Cover: Kentucky blue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constant

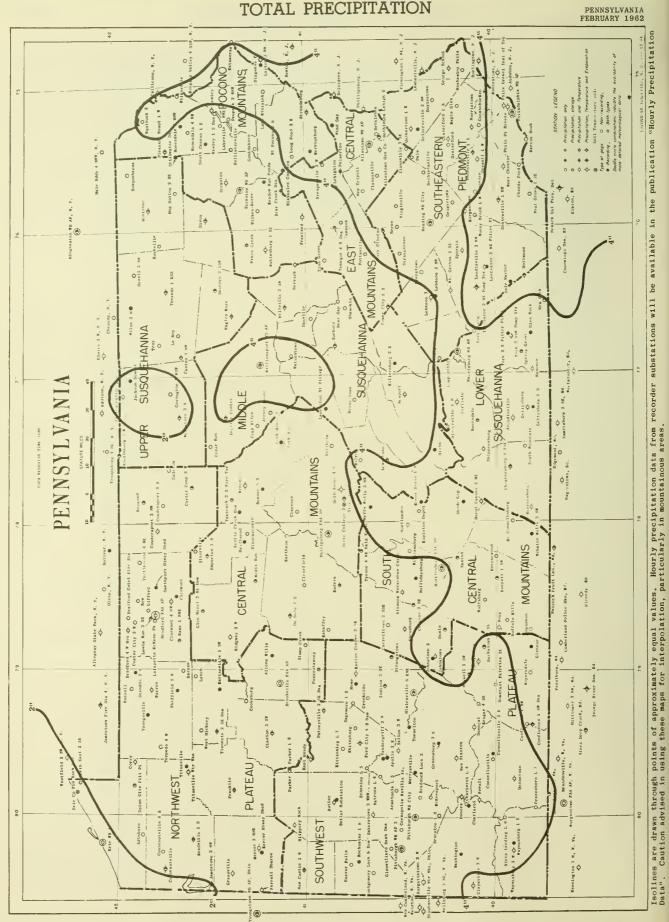
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SARCHEL PARA AIRPORT  SINCH ALL	BRAOFORO 4 W RES	SNOWFALL	1.0	т	.6	1							1				.8	.4		4	3						7	6	5	4			
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LAMRENCEVILLE 2 S SNOWFALL SNO	KANE 1 NNE				.4	4	т				2		4		4			5	5	5	4			2.5				5	4	3			
LEWISTOWN  SNOWFALL S	LANCASTER 2 NE PUMP STA			-8									6	5	5					2	i	1	1	1	1	т							
MARTINSBURG FAA AIRPORT   SNOWFALL   1.7   2.5   3   7   7   7   3.0   3.3   3	LAWRENCEVILLE 2 S	SNOWFALL SN ON GNO			1.0									1	1			3	2	2	1				Т		5	3	1	1		İ	
MARTINSBURG FAA AIRPORT   SNOWFALL   17   2   3   7   7   7   7   3   3   5   5   7   7   6   6   5   4   4   4   5   2   1   1   1   1   1   1   1   1   1	LEWISTOWN				1								2					2			3	2			0 2	T							
MEAVULLE 1 S  SNOWFALL SNOWFAL	MARTINSBURG FAA AIRPORT		1.7 T	2 2		т	Т		Т		3.0								6	5					2	1	1	1	1	Т			ı
MEAVILLE 1 S SNOWFALL 2.4 3 T T 1.0 1 1 1 1 1 3 3 3 2 3 3 3 2 2 3 2 2 1 4 4 3 1 T T T SNOWFALL 2.5 T T T 1.0 1 1 1 1 1 1 1 1 1 2 1 2 3 3 2 3 3 3 2 2 2 3 2 2 1 4 4 3 3 1 T T T T 1 1 1 1 1 1 1 1 1 1 1 1 1	MATAMORAS												3	2	2				5	4	3							2	2	2	1		ı
MONTROSE  SNOWFALL SN ON GNO 2 2 2 4 4 4 4 3 T T T T T Z 2.5 2 2 2 3.0 2.4 T 7.8 .2 1.5 .1 3.0 8 6.5 .1 T T T T T T T Z 2.5 2 2 2 5 7 6 7 7 6 7 7 7 10 8 6.5 .1 T T T T T T T T T T T T T T T T T T	MEAOVILLE 1 S	SNOWFALL SN ON GNO	2.4	3			Т	т			1				3														1	Т			
NEWPORT  SNOWFALL 2 2 2 4 4 3 T T T T T 2 2 2 2 2 5 7 6 7 7 6 7 7 10 8 11 10 10 9 8  NEWPORT  SNOWFALL SN ON GNO  SNOWFALL SN ON GNO  DHILAOELPHIA WB AIRPORT SNOWFALL SN ON GNO WITE EQUIV  PHILIPSBURG FAA AIRPORT SNOWFALL SN ON GNO SN ON GNO ST 2 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MEDIX RUN		.9 2	1.3						T 1			1	2 2		2	3	3 2			T 2						3 T	4	3	2			
PHILADELPHIA WB AIRPORT SNOWFALL SNOWFALL SNOWFALL SNOWFALL SNOW GNO WT EQUIV SNOW GNO WT EQUIV SNOW GNO WT EQUIV SNOW GNO WT EQUIV SNOW GNO WT EQUIV SNOW GNO WT EQUIV SNOW GNO WT EQUIV SNOW GNOW GNO SNOW GNOW GNO SNOW GNOW GNOW GNOW GNOW GNOW GNOW GNOW G	MONTROSE		2 2	.2	1.1	4	3				т			2	2						6							1 T	9	8			
PHILIPSBURG FAA AIRPORT SNOWFALL SNOWFA	NEWPORT		,		1.0								2	3	2			3					2			-	-	1	1	Т			
PHILIPSBURG FAA AIRPORT SNOWFALL SN ON GNO 2 3 3 1 1 1 1 1 1 3 2 3 3 4 5 5 5 5 5 5 5 5 6 4 6 8 8 7 3  PITTSBURGH W8 AIRPORT 2 SNOWFALL 1.6 T .8 SN ON GNO T 2 2 2 3 3 2 1 1 1 1 T T T T T T T T T T T T T T T	PHILAOELPHIA W8 AIRPORT	SN ON GNO	1	1 1	14	1				T	4.0	3		1	1					Т	Ť												
PITTSBURGH W8 AIRPORT 2 SNOWFALL 1.6 T .8 SNOW FALL 1.6 T .8 SNOW FALL 1.0 T .7 T .9 SNOW FALL 1.0 1.0 1.0 SNOW FALL 1.0 1.0 1.0 SNOW FALL 1.0 1.0 1.0 SNOW FALL 1.0 1.0 1.0 SNOW FALL 1.0 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 1.0 SNOW FALL 1.0 S	PHILIPSBURG FAA AIRPORT		2	3	3	1	1	1	1	1	-						5	5	5		5	5	5	6	4	6	8	8	7	3			
PLEASANT MOUNT 1 W SNOWFALL 1.0 1.0 1.0 1.0 5 5 7 T 7 7 7 7 9 8 12 12 11 10	PITTSBURGH W8 AIRPORT 2	SN ON GNO	) T	2	2		.1				2,5	2	2	3	3	2	1			Т					Т	T				Т		1	
OFACING MG CITY ENGMEALL 3 1 8 3 T 6.0 3.6 .5 .7 T .3 T	PLEASANT MOUNT 1 W	SNOWFALL	1.0	1.0	1.0		3				Т			3	2								0 T	3.	0 8			2 T	2 T	1 1	0		
READING W8 CITY SNOWFALL SN ON GNO 3 1.8 2 2 1 1 T T T T	READING WB CITY	SNOWFALL	.3	1.8	.3	1		T			6.0		5	4	4	3.6	6 4			4	4	7 T				1	1	Т	T	Т		1	

CONTINUE

## SNOWFALL AND SNOW ON GROUND

PENNSYLVANIA FEBRUARY 1962

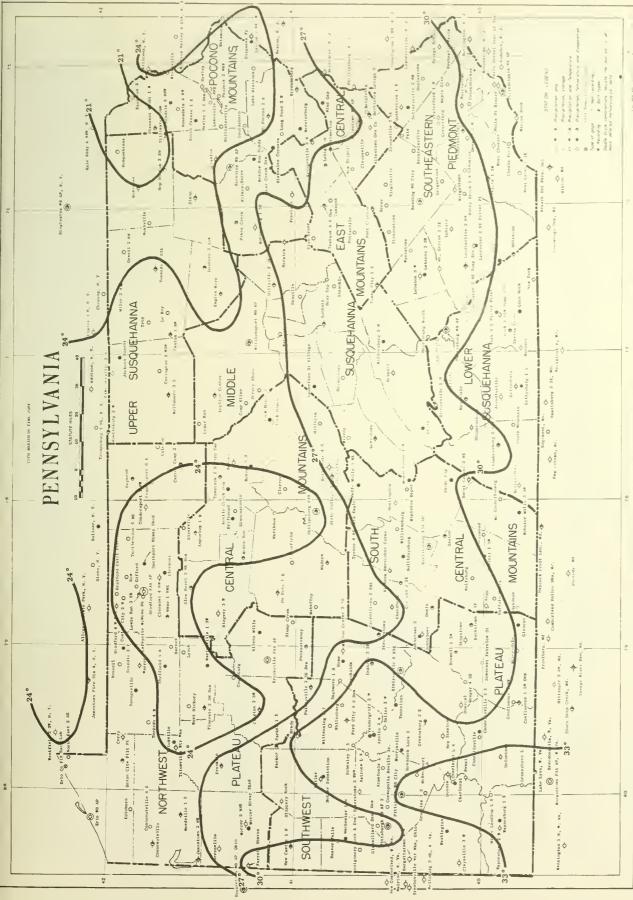
Station																Day	y of m	nonth														
Station		1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SCRANTON WE AIRPORT	SNOWFALE SN ON GNO WTR EQUIV	ř <sup>3</sup>	.6 1	16	1		Т	, 1 T	Т	2.4	T 2 . 2	2	1	1	3.2	T 3	.3	T 3	2	.1	T 2 .1	. 4 2 . 1	.1 2 .2		2.1 3 1.6	7 3 1.4	T 2 1.1	2	1			
SHIPPENSBURG	SNOWFALL SN ON GNO	1.0	2.0	1.0	Т		T			5.5	T 5	5	2.0	5	3.0	6	1.0	5	5	1.0	T 4	1.5	T 4	4	2	2	2	1	Т			
SLIPPERY ROCK	SNOWFALL SN ON GNO	2.0	4	2.0	2						.1		2.0	2	1	.5 1		2.0	1				1.0	1	1.0	1						
TIONESTA 2 SE OAM	SNOWFALL SN ON GNO	1.5	T 4	.5	3	Т	T	.5 1	T 1	T	T T	т	1.5		.5 1	2.5	2	.5	2	1	1.0		3.5	Т	5.0	4	3	2	1			
TOWANDA 1 ESE	SNOWFALL SN ON GNO	T 1	T 1	16	T 1			Т			1.8	2	2	1	3.5	1.0	4	. 1 4	3	3	.5	3	1.0	2	4.5	1.4	T 5	4	4			
TOWER CITY 1 S	SNOWFALL SN ON GNO		1.3 1	T 1	T T						2.7	3	2	1	4.3	4	4	1.0	3	1.2	T 3	3	1.0	2	1	1	1	1				
WILLIAMSPORT WB AIRPORT	SNOWFALL SN ON GNO WTR EQUIV	.5 T	2.6	.9 1	1		.9	1	Ţ	2.1	T 2 .2	2 . 2	1	. 2 T	4.8	4	1.9	5	T 3 .4	.6 3 .4	3	.9 i	.1	3.1	3.9	3 . 9	T 3 .8	1	Т			



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# AVERAGE TEMPERATURE

PENNSYLVANIA FEBRUARY 1962



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

	NO.		3E 1	DE	UDE	NOI	T	SERVA IME A TABLI	ND			ç			GE ‡	ODE	TUDE	NOL		RVA1 IE A1 ABLE:	ID	
STATION	INDEX	COUNTY	DRAINAG	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.		OBSERVER	STATIO	N E	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	EVAP.	SPECIAL	OBSERVER
LLENS HILLS	0099 0106 0111	ALLEGHENY JEFFERSON LEHIGH LEHIGH	1 1 9 9	40 32 41 12 40 39 40 36	79 49 78 55 75 26 75 28 78 29	748 1600 376 254 1500	M10 7A 6P	7A	c	CORPS OF ENGINEERS CHARLES H. ALLEN U.S. WEATHER BUREAU LEHIGH VALLEY GAS OIV. ALTOONA WATER BUR.	HUNTSDALE HYNDMAN INDIANA 3 SE JACKSON SUMMIT JAMESTOWN 2 NW	41 42 43	90 8	BEDFORD .	15	40 06 39 49 40 36 41 57 41 30	77 18 78 44 79 07 77 01 80 28	610 960 1102 1690 1050	7P 1	A SI	CHC	METRO P. DOROSH OONALO LEHMAN CLYMER WATER SVC. CO. ARCHIE LAIN PA. DEPT. FRST. + WIRS
POLLO 2 W RENDTSVILLE USTINBURG 2 W AKERSTOWN 3 WNW	0204 0229 0313	WESTMOPELAND ADAMS TIOGA ALLEGHENY WARREN	7 15 15 1	40 30 40 39 39 55 42 00 40 39 41 40	79 36 77 18 77 32 79 59 79 02	1060 710 1590 1230 1310	8A 7A 3P	8A 7A 3P 7A	СН	EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO D. BACON PGM. CUT FLOWER CO. CORPS OF ENGINEERS	JERSEY SHORE JOHNSTOWN 2 JOHNSTOWN 2 KANE 1 NNE KARTHAUS	43 43 44	163 I 185 I 190 I	LYCOMING CAMBRIA CAMBRIA MC KEAN CLEARFIELD	16	41 12 40 20 40 19 41 41 41 07	77 15 78 55 78 55 78 48 78 07	541 1214 1275 1750 950	9A 9	A BA	Сн	GEORGE R. WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDOLPH A. ANDERSON WILLIAM J. HOWE
EAR CREEK DAM EAR GAP EAVER FALLS EAVERTOWN	0455 0457 0475 0482	LUZERNE NORTHUMBLAND REAVER SNYDEP BERKS	9 15 2 15		75 44 76 30 80 19 77 10 75 38	1505 900 760 640 400		7A 3P 7A 7A	С	CORPS OF ENGINEERS POARING CREEK WATER CO. HOWAPO P. KEMP MARLIN R. ETTINGER PAUL W. FISHER	KEGG KETTLE CREEK DA KITTANNING LOCK KREGAP 4 SE KRESGEVILLE 3 H	7 46	645		1 1 7	39 59 41 22 40 49 40 D6 40 54	78 43 77 56 79 32 79 14 75 34	1280 93D 790 2530 720	MIO MI		c	PA. TURNPIKE COMM. CORPS OF ENGINEERS CORPS OF ENGINEERS INACTIVE 12/59 CITY OF BETHLEHEM
ELLEFONTE 4 S EPNE EPW1CK ETHLEMEM	0530 0599 0611 0629	CENTRE BERKS COLUMBIA NOPTHAMPTON	16 14 15 9	40 51 40 31 41 04	77 47 76 00 76 15 75 23 75 23	1110 325 570 240	BA 6P MID	8A 6 7A 6P 8A	IA	ROCKVIEW PRISON FARM FLOYO W. TPUMP AMER. CAR + FNDRY. CO. CITY OF BETHLEHEM LEHIGH UNIVERSITY	LAFAYETTE MC KE LAKE MINISINK LAKEVILLE I NNE LANCASTER 2 NE LANCASTER 2 NE	47 47 PUMP STA 47	727 I 733 I	MC KEAN PIKE WAYNE LANCASTER	1 5 5	41 48 41 13 41 27 40 03 40 03	78 40 75 03 75 16 76 17 76 17	2130 1360 1440 255 270		7A BA BP	н	INACTIVE 12/59 MRS. IRENE FOREMAN MRS. GLAOYS REINEKE LANCASTER WATER BUR. LANCASTER WATER BUR.
LAIN LAIRSVILLF 6 ENE LAKESLEE CORNERS LOSERVILLE I N	0725 0736 0743 0763	NORTHAMPTON  PERRY INDIANA MONROE CUMBEPLAND SOMERSET	15 4 9 15 1	40 20 40 27 41 06 40 16 40 09	75 23 77 31 79 09 75 36 77 22 79 02	750	8P	8P 8A 7A	c	PA. DEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MMS. BESSIE M. WILLDERS MMS. EMMA SHAULIS	LANDISVILLE 2 N LAURELTON STATE LAWRENCEVILLE 2 LEBANON 3 W LEBANON 3 SW	VILLAGE 48 S 48	778 353 373 391	LANCASTER UNION	15 15 15	40 07 40 54 41 59 40 20 40 19	76 26 77 13 77 07 76 29 76 28	360 880 1000 460 490	8A 6P 67A			RA. STATE COLLEGE PA. DERT. OF WELFARE HARRY P. HOWLAND LEON MILLEP THOMAS DONNACHIE
RADDOCK LOCK 2 RADFORO FAA AIRPORT PADFORO CNTPL FIRE STA RADFORD 4 W RES	0861 0865 0867 0868	ALLEGHENY MC KEAN		40 24 41 48 41 57 41 57 40 00	79 52 78 38 78 39 78 44 78 14	725 2121 1500 1680		7.A	н	CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORO FIRE DEPT. BRADFORO WATER DEPT. PA. TURPLIKE COMM.	LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN	49	972   984   992	CAPBON BRADFORO MC KEAN M1FFLIN CLINTON	15	40 50 41 41 41 50 40 35 41 D8	75 43 76 43 78 39 77 35 77 27	580 1040 1740 480 680	7A .	7A . 8A ' 7A . 7A	СН	GOODWIN S. OEFREHN LEAMON M. BAUMAN RUSSELL LINEMAN AMERICAN VISCOSE CO. JOHN P. FREY
ROOKVILLE FAA AIRPOPT PUCETON 1 S UCKSTOWN 1 SE UFFALO MILLS	1002 1033 1073 1087	JEFFERSON ALLEGHENY SOMERSET BEOFORD	1046	41 09 4D 18 40 04 39 57	79 06 79 59 78 50 78 39	1417 1065 2460 1318	M1D		н	FED. AVIATION AGENCY AUSTIN P. COOPER ALVIN W. MANGES CLIFFORD C. ADAMS	LOCK HAVEN 2 LONG POND 2 W LYNCH MADERA MAHAFFEY	51 51 52 53	109 160 275 336	CLINTON MONROE FOREST CLEARFIELD CLEARFIELD	16 9 1 16	41 D8 41 03 41 36 4D 50 40 53	77 27 75 30 79 03 78 26 78 44	63D 1860 1295 1460 128D	7A	7 A 7 A 7 A 7 A	С	HUGH F. PARKER THOMAS MECKES CORPS OF ENGINEEPS MRS. JULIA J. SMOFF HISS ELLEN J. MILES
URNT CABINS 2 NE UTLEP UTLEP SUBSTATION AMP HILL	1115 1130 1135 1198	WASHINGTON HUNTINGODN BUTLER BUTLER CUMBERLAND LYCOMING	6 2 2 15 16	40 05 40 05 40 52 40 51 40 15 41 16	77 52 79 54 79 53 76 55 77 2D	980 990 1100 1140 460 590	5P 8A	5P 8A 6R 7A	c	SMITH TWP. MUN. AUTH.  PA. TURNPIKE COMH. ROGER CLARK WEST PENN POWER CO. JOSEPH N. HOBART LESLIE D. DOWLING	MAPLE GLEN MAPLETON DEPOT MARCUS HOOK MARIENVILLE 1 S MARION CENTER 2	53 53 54 W 54	368	MONTGOMERY HUNTINGOON DELAWARE FOREST INDIANA	5	40 11 40 24 39 49 41 27 40 45	75 11 77 56 75 25 79 09 79 02	38D 58D	HID M	8A 7A	С	FRANCES E. SCHEIBNER MRS. I. S. BUCHANAN SUN OIL CO. ROY A. MARKER CORPS OF ENGINEERS
ANTON I NW ARLISLE ARRDULTOWN 2 SSE APTER CAMP 2 W	1215 1234 1255 1262	BPAOFORD CUMBERLAND CAHRRIA POTTER LYCOMING	15	41 40 40 13 40 35 41 37	76 52 77 12 78 42 77 45 77 27	1520 465 2040 2030 800	7A 6P	7A 6P 8A 7A 7A	СН	MRS.MILDRED SPENCER CARROLL G. MILLER ROBERT F. MAURER RICHARO L. MENKEN KATHRYN T. KREIGHBAUM	MARTINSBURG FAA MATAMORAS MC CONNELLSBUPG MC KEESRORT MEADOW RUN PONG	AP 54 54 55	454 470 526 573	BLA1R PIKE FULTON ALLEGHENY LUZERNE	5	40 18 41 22 39 56 40 21 41 13	78 19 74 42 78 00 79 52 75 40	1463 439 895 720 1995		10 7A 8A	СН	FED. AVIATION AGENCY MARRY BISLAND MRS. HELEN M. SHIVES NATIONAL TUBE CO. GEORGE PEARAGE
HADDS FORD HAMBERSBURG 1 ESE HARLEROI HARLEROI LOCK 4	1342 1354 1372 1377	DELAWARE FRANKLIN WASHINGTON WESTMORELAND CENTRE	5 12 10 10	39 52 39 56 40 08	75 37 77 38 79 55 79 54 77 56	170 64D 1040 749	9P	7A 9P 7A 7A	C	E. EARL TOUCHTON CHARLES A. BENDER WEST PENN ROWER CO. CORPS OF ENGINEERS MISS VELDA SWANCER	MEAOVILLE ) S MEDIX RUN MERCER 2 NNE MERCER HIWAY SH MERCERSBUPG	56 56 E0 56	627 651 654	CRAWFORD ELK MERCER MERCER FRANKLIN	2	41 38 41 17 41 15 41 14 39 49	80 10 78 24 80 13 80 15 77 54	1065 1100 1160 1250 615	7P	8A 7A 7A 8A	C H	CITY OF MEADVILLE MRS.E. H. SNYDER MRS. FRAN. STRUTMEPS PA. DEPT. HIGHWAYS ROLLIN P. GILBERT
LARION 3 SW LAUSSVILLE LAYSVILLE 3 W LEAPFIELD	1485 1505 1512 1519	CLAPION LEMIGH WASHINGTON CLEAPFIELD HC KEAN	1 9 11 16	41 12 40 37 40 07 41 D1 41 41	79 26 75 39 80 28 78 26 78 30	1114 670 1000 1100	8P 7P	7A 8A 7A 7A	c	PA. ELECTRIC CO. WILLIAH J. DOTTEREP MFGRS. L. + H. CO. IRA TAYLOR MRS. TILLIE M. SIMONDS	MERWINSBURG HEYEPSDALE MILAN 2 N MILANVILLE MILANVILLE MILLERSBUPG 2 8	56	684 731 738	MONPOE SOMERSET BRAOFORD WAYNE DAUPHIN	9 17 15 5	40 58 39 49 41 56 41 40 40 32	75 28 79 02 76 31 75 04 76 56	985 2000 770 760 560		7A 8A	c c	ARTHUR A. SMITH LEE M. ALBRIGHT CHARLES E. STROUG CHAPLES W. DAVIS RUSSELL SMEPLEY
LERMONT 4 NW OATESVILLE 1 SW	1534 1589 1705 1710	HC KEAN CHESTER SOMERSET FAYETTE CRAWFORO	1 5 17 17	41 44 39 58 39 48 39 50 41 45	78 32 75 50 79 22 79 22 80 22	1620	A8 A8	7A 8A 8A 7A	C C	MRS. TILLIE M. SIMONDS PHILA. ELECTRIC CO. CORPS OF ENGINEERS JOHN L. REID S. CARLYLE SHELOON	MILLHEIM MILLVILLE 2 SW MILROY MONTGOMEPY LOCK MONTROSE	AND DAM   51	817 825 902	CENTRE COLUMBIA MIFFLIN BEAVER SUSQUEMANNA	6	40 53 41 06 40 43 40 39 41 50	77 29 76 34 77 35 80 23 75 52	1D79 860 770 692 1560	7A 5P	7s 7A 8A 7A 7A	С	NEVIN E. BOWEPSOX KENNETH LEIGHOW THOMAS C. HARBESON CORPS OF ENGINEEPS RALPH TAYLOP
ONNEAUTVILLE 6 E ONNELLSVILLE ONNELLSVILLE 2 E ONSHOHOCKEN	1721 1723 1729 1737	CRAWFOPD FAYETTE FAYETTE MONTGOMERY CLAPION	1 17 17 5	41 46 40 01 40 01 40 04 41 20	80 15 79 36 79 33 75 19 79 13	1110 870 1300 70		8 A 8 A 8 A	c	MRS. PALLA J. TAUTIN MARSHALL B. MENEFEE HARRY C. JOY PHILA. ELECTRIC CO. PA. DEPT. FRST. + WIRS.	MORGANTOWN MT GPETNA 2 SE MOUNT UNION 1 M HUMLENBURG 1 SE HURRYSVILLE	61	028	BEPKS LANCASTER MIFFLIN LUZERNE WESTHOPELAND	15	40 09 40 14 40 24 41 13 40 26	75 54 76 26 77 53 76 08 79 42	595 670 820 1110 900	M OIM		c	PA. TUPNPIKE COHH. PA. TURNPIKE COHP. HT. UNION WATER WOPK INACTIVE 2/60 DAVID C. SHAW
ORAOPOLIS NEVILLE IS ORRY OUDERSPORT 3 NW OUDERSPORT 6 E	1773 1790 1806 1809	ALLEGHENY	11 1 1 16 15	40 30 41 55 41 49 41 46 41 44	80 05 79 39 78 03 77 53 77 07	720		8 A 6 P 8 A 8 A 7 A	н	PGM. COKE + CHEM. CO. PICHARO T. MOUNTAIN MISS ELIZABETH NEFF MPS. HENRIETTA O OEITER CALVIN R. PACKAPD	MYERSTOWN NATPONA LOCK 4 NEFFS HILLS 3 I NESHAMINY FALL: NEW CASTLE 1 N	6 6 6	126 151 174 194	LEBANON ALLEGHENY HUNTINGOON BUCKS LAWRENCE	1 6 5	40 22 40 37 40 40 40 69 41 01	76 18 79 43 77 55 74 57 80 22	6.0	м	8A 7A, ID 7A	С	MRS.KATHLEEN WANDELL CORPS OF ENGINEERS RA. STATE UNIVERSITY RMILA. SUB. WATER. C LEWIS W. MAMILTON
RESSON 2 SE USTER CITY 2 W ANVILLE	1895 1978 2013	INDIANA CAMBRIA MC KFAN MONTOUR CHESTEP	1 6 1 15	41 55 40 58	79 12 78 34 78 41 76 37 75 33	2120	мір	7A 7A 7A 41D	c	CORPS OF ENGINEERS FPED A. PLEMPEL INACTIVE 12/50 MRS. MARIE H. LITTLE PA. TURNPIKE COMM.	NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI	6.	289 297 310	FAYETTE YORK PERPY WESTHORELAND LEMIGH	6	40 05 39 44 40 29 40 13 40 41	79 54 76 30 77 08 79 36 75 45	780		6P 7A	н	GENERAL CHEMICAL CO. CLINTON J. ALLEN MRS. FPANCES K. FRY RA. TURNPIKE COMM. FRED C. OSWALD
IXON	2183	PIKE WYOMING WESTMORELAND WASHINGTON BUCKS	5 15 17 10 5	41 32 40 07	74 52 75 57 79 23 79 52 75 08	430 750 1746	7A MIO 5P	7A	C	THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES GEORGE MART	NORRISTOWN NORTH EAST 2 SI OPWELL 2 NW PALM PALMEPTON	6	396 622 681	MONTGOMERY ER 1E BRADFORO MONTGOHERY CARBON	14 8 15 14 9	40 07 42 12 41 55 40 26 40 48	75 21 79 49 76 18 75 32 75 37	1060 1340 385		9A 8A 8A	c	BOROUGH OF MORRISTOW ELLSWORTH WEAVER ELMER T. MOORE FRED C. ESCHBACH NEW JERSEY ZINC CO.
PRIFTWOOD NU BOIS 7 E NUNLO NUSHORE 2 SSW AGLES MERE	2265 2298 2325	CAMERON CLEARFIELD CAMBRIA SULLIVAN SULLIVAN	16 4 16	40 17	78 08 78 38 78 43 76 25 76 35	1670 2410	5P	5P 8A 7A	C H	SIDNEY KENNEDY CITY OF DU BOIS MRS. D. L. WHITE ROBERT J. OBERT FRANCIS 8. HANLEY	PARKER I E PAUPACK 2 WNW PHIL DPFXEL IN PHILAGELPHIA W	T OF TEC 6	724 762 879	ARMSTRONG CLARION PIKE PHILADELPHIA PHILADELPHIA	1 1 5 14 5	41 05 41 06 41 24 39 57 39 53	79 41 79 40 75 14 75 11 75 15	1360		7A :	СН	LOUIS A. MALARKEY P. M. NEELY MISS L. VETTERLEIN FRANCIS K. DAVIS. JR J U.S. WEATHER BUREAU
BENSBURG DINBORO MPORIUM 1 N	2363 2466 2514 2635	CLARION CAMBRIA ERIE CAMERON LYCOMING	1 16	40 59 40 29 41 52 41 32 41 26	79 37 78 43 80 08 78 14 77 17	2090 1220 1560	7P 8A	5P 7A 8A 6A 7A	CH	A. B. KEMPEL ROBEPT A. WASSER EDINBORD ST. TCHR. COL. MRS. TALLIE M. BRITTON WILLIAM SUDERS	# PHILAGELPHIA P PHILIPSBURG FA PHOENIXVILLE I PIKES CREEK PITTSBURGH WB	AP 6 E 6	916 927 939	PHILADELPHIA CENTRE CHESTER LUZERNE ALLEGHENY	6 14 15	39 55 40 54 40 07 41 18 40 30	75 30 76 08	1916	5P H	ID 10 7A	CH	ATLANTIC REFINING CO FED. AVIATION AGENCY PHILA. SUB. WATEP CO HARRY SHELDON J U.S. WEATHER BUREAU
PHRATA OUINUNK Z RIE CO FIELD RSCH LAB RIE WB AIRPORT VERETT 1 SW	2671 2673 2682	LANCASTER WAYNE ERIE FRIE BEDFORO	15 5 8 8	41 51 42 13 42 05	76 10 75 13 79 51 80 12 78 23	465 910 740 732	MID BA	7A MID	G C H	STANLEY L. VON NEIDA MRS. HENRIETTA MURRY FIELD RESEARCH LAB. JU.S. WEATHER BUREAU PA. TURNPIKE COMM.	# PITTSBUPGH WB PLEASANT MOUNT PORT CLINTON POTTSVILLE PUNKSUTAWNEY	1 h 7	029	ALLEGMENY WAYNE SCHUYLKILL SCHUYLKILL JEFFERSON	11 5 14 14	40 27 41 44 40 35 40 42 40 57	80 00 75 27 76 02 76 11 79 00	1800 450 690	7.A		CCH	U.S. WEATHER BUREAU PA. FISH COMMISSION HPS. ADA E. RARICK LLOYD E. WELLER CARL E. ROTOLO
FARRELL SMARON ORO CITY 4 5 DAM FRANKLIN FREELAND SALETON	2942 3028 3056	MERCER ARMSTRONG VENANGO LUZERNE POTTER	1 1 1 5	41 14 40 43 41 23 41 01 41 44	80 30 79 30 79 49 75 54 77 38	1900	8A 7P 6P	7P 8A 7A 8A 7A	BA C H	SHARON STEEL CORP.	PUTNEYVILLE 2 QUAKEPTOWN I E RAYMOND READING WB CIT RENOVO	7 7 7	239 310 318	ARMSTRONG BUCKS POTTEP BERKS CLINTON	1 5 13 14 16	40 55 40 26 41 52 40 20 41 20	79 17 75 20 77 52 75 58 77 45	266	SP MIO M	6A 7A 7A 1D 7A	CCH	CORPS OF ENGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAN J U.S. WEATHER BUREAU ELMER G. BATSCHELET
SEIGERTOWN SEORGE SCHOOL SETTYSBURG 1 S SIFFORO	3200 3218 3223	BERKS BUCKS AOAMS AOAMS MC KEAN	14 5 12 12	40 13 40 13 39 50 39 48	75 50 74 56 77 14 77 14 78 36	135 540 530	8A 9A	8A 8A 9A	С	WALTER C. WOLF GEORGE M. HART HIGH C. HC ILHFNNY NATIONAL MILITARY PARK INACTIVE 12/59	RENOVO 5 S REW RICES LANDING RIDGWAY 3 W ROCHESTER 1 N	. 6	425	CLINTON MC KEAN GREENE ELK BEAVER	16 1 10 1 2	41 14 41 54 39 57 41 25 40 43	77 46 78 32 80 D0 78 47 80 18	775 1420		6A 7A 5P	c	C. F. BILLETTE EDWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIDGWAY DEQUESNE LIGHT CO.
GLENCOE SLEN MAZEL 2 NE OAH SLENMOORE SLEN ROCK SLENWILLAPO OASH DAM	3311 3321 3330	SOMERSET ELK CHESTER YORK ALLEGHENY	12 1 5 15	41 34 40 06 39 48	78 51 78 36 75 47 76 44 80 13	620		8A 7A 7A	c	MRS. MARY M. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. MC WILLIAMS CORPS OF ENGINEERS	RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE I S SALINA 3 W	7 7 7	732	SUSOUEHANNA WARREN LANCASTER INOIANA WESTMORELAND	11	41 47 41 56 39 55 40 46 40 31	76 07 79 08 76 23 79 14 79 33	1240		7A 8A 7A 6P	c	CARL KOPA7Z HOWAPO C. JONES S.H. WATER POWER COR CORPS OF ENGINEERS MUN. AUTH. WSTMRLO.
SOULOSBORO GRATERFORO SRATERFORD 1 E SREENSBORO LOCK 7 SREENSBURG 2 E	3394 3435 3437 3503	WAYNE MONTGOMERY MONTGOMERY GREENE WESTMORELAND	9 14 14 10	41 15 40 14 40 14 39 47	75 27 75 27 75 26 79 55 79 31	1890 155 240 808	7A	7A 7A 7A 7A	С	DANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. DEPT. HIGHWAYS	SAXTON SCANDIA 2 E SCHENLEY LOCK # SCRANTON SCRANTON W8 AI	5 7	855	BEDFORD WARREN ARHSTRONG LACKAWANNA LUZERNE	1 15	4D 12 41 55 40 41 41 25 41 20	78 15 79 01 79 40 75 40 75 44	746		AR 7A	C H	MRS. ALVERTA L. HOLM DAVIO R. ANDERSON CORPS OF ENGINEERS U.S. POST OFFICE J U.S. WEATHER BUREAU
SREENVILLE HANOVER HARRISBURG WB AP HARRISBURG NORTH HAWLEY	3662 3699 3704	MERCER YORK YORK DAUPHIN WAYNE	15 15 15	40 13	80 23 76 59 76 51 76 54 75 10	335	AB I	8A MIO	СН	C. EARL MILLER MANOVER EVENING SUN J U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES	SELLERSVILLE 2 SHADE GAP 2 NE SHAMOKIN SHEFFIELO 5 W SHIPPENSBURG	7   7   8	965	BUCKS HUNTINGDON NORTHUMBLAND WARREN FRANKLIN	15	40 23 40 12 40 48 41 42 40 03	75 20 77 52 76 33 79 08 77 32	1920		5A 4P	C C	
HAWLFY 1 S DAM HOLLIOAYSBURG HOLLISTERVILLE HOLTWOOD HOME	3761 4001 4008 4019	WAYNE BLAIR WAYNE LANCASTER INOIANA	5 6 5	41 28 40 26 41 23	75 11 78 24 75 26 76 20 79 06	1206 960 1360	MIO	8.4	C H	PA. POWER + LIGHT CO. JOHN M. RINGLEP PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. MRS. EDNA M. BUSH	SINNEHAHONING SIZERVILLE SLIPPERY ROCK SMETHPORT HIGH SOMERSET FAIPV	8	1155	CAMERON CAMERON BUTLER HC KEAN SOMERSET	16 16 2 1	41 19 41 36 41 04 41 48 40 01	78 05 76 11 80 03 78 27 79 05	1345		7A 7A 7A 7A	c H	PA. DEPT. HIGHWAYS HOWARD G. PECK
HONESOALE 4 NW HONESOALE 6 NNW HONEY BROOK 1 W HOP BOTTOM 2 SE	4043 4044 4047	WAYNE WAYNE CHESTER SUSQUEHANNA	5 5 15	41 37 41 39 40 06 41 43 40 29	75 19	1410 1050 700 900		9A 7A 7A 7A	c	GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER	SOUTH CANAAN SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STATE COLLEGE	I NE 8 8 8	308 379 449	WAYNE FRANKLIN YORK CENTRE CENTRE	16	41 31 39 51 39 52 40 48 40 48	75 24 77 30 76 52 77 52 77 52	1520		7 A 8 A 7 A	000	EUGENE M. COOK PA. OEPT. OF HEALTH P. H. GLATFELTER CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY

# STATION INDEX

CONTINUED											
STATION	X NO.	COUNTY	AGE 1	LATITUDE	CONGITUDE	ELEVATION		TIME TAI		ID S	OBSERVER
	INDEX		DRAINAGE	LA1	LONG	ELEV	TEMP.	PRECED.	EVAP.	SPECIAL	OBSERVER
STILLWATER DAM STOYSTOWN STRAUSSTOWN STROUGSTOWN STROUGSBURG	8560 8570 8589	SUSOUENANNA SOMERSET BERKS INOIANA MONROE	15	41 41 40 06 40 29 40 33 40 49	75 29 78 57 76 11 78 55 75 12	16A4 1800 600 1860 480	94 11P	9A 84		C	CORPS OF ENGINEERS VERNON HONG JACOB KLAHR HARRY F. BENNETI MILLIAM HAGERTY
STUMP CREEK SUNBURY SUSQUEMANNA TAMAQUA TAMAQUA & N DAM	8668 8692 8758	JEFFFRSON NORTHUMBLAND SUSQUEMANNA SCHUYLKILL SCHUYLKILL	1 15 15 14 1A	41 01 40 52 41 57 40 48 40 51	78 50 76 47 75 36 75 58 75 59	1120 480 1020 830 1120	7A	74 7A 7A 8A 74		c	CORPS OF ENGINEERS CMARLES W. BAYLER MRS. LAURA 4. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WIR. CO.
TAMARACK 2 S FIRE THR TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE MATER WORKS TOBYMANNA	8873 8885 8888	CLINTON FOREST CRAWFORD CRAWFORD HONROE	16 1 1 1 1 5	41 24 41 29 41 38 41 38 41 11	77 51 79 26 79 40 79 42 75 25	2220 1200 1550 1220 1950	8A 7P 5P	74 8A 7P 5P		CHC	MRS. FRANCES SWARTZ CORPS OF ENGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRAOY
TOWREDO & M TOWANDA I ESE TOWER CITY I S TROY TOWNELTON	8905 8912 8959	WARREN BRAOFORD SCHUYLKILL BRAOFORO INOIANA	1 15 15 15 4	41 47 41 45 A0 34 A1 47 40 27	79 32 76 25 76 33 76 47 79 23	1735 745 790 1100 890	7P 7A	7A 7A 7A 7A		C H	MRS. LILY B. GARBER LEVERN ROOT JOMN MURRY. JR. JENNIE L. BALLARO MRS. MARY E. WEIMER
TURTLEPOINT & NE TYRCHE & NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN VAMDERGRIFT	9024 9042 9050	MC KEAN BLAIR ERIE FAYETTE WESTMORELANO	1 6 1 10 7	41 5A AO 43 41 55 39 54 40 36	78 16 78 12 79 A8 79 44 79 33	1640 1020 1400 1040 800	60	7A 7A 7A 6P 74		c c	ROBERT O. STRAIT FREDERICK L. FRIDAY HAROLD W. MAMMONO WM. W. MARSTELLER UNITED ENG. + FNORY.CO.
VIRGINVILLE MARREN MASMINGTON WAFSONTOWN WAYNESBURG 2 m	9298 9312 9345 9362	BERKS WARREN WASMINGTON NORTHUMBLANO GREENE	1 A 1 1 1 1 6 1 0	40 31 41 51 40 11 41 05 39 54	75 52 79 08 80 14 76 52 80 13	350 1280 1200 490 980	7P 6P	8A 7A 9P 7A		c	MRS. MARY M. WRIGHT GILBERT M. REIER PA. OEPT. HIGHWAYS WILLIAM BIRO SAMUEL B. GREENLEE
WAYNESBURG I E HEBSIER MILLS 3 SW WELLSBORD 3 S WEST CMESTER WEST GROVE 1 SE	9380 9408 9A64	GREENE FULTON TIOGA CHESTER CHESTER	10 12 16 5 5	39 54 39 49 41 43 39 58 39 48	80 10 78 05 77 16 75 36 75 48	940 920 1920 A40 450	7A 8A	7A BA 8A		000	SEWAGE OISPOSAL PLANT WILLIAM D. COVER MARION L. SHUMWAY DAILY LOCAL NEWS CONARO-PYLE CO.

												PEIRISYLVAHIA FEBRUARY 1962
	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITIODE	LONGITUDE	ELEVATION	7	ME ABI	AN	D	OBSERVER
¥	EST HICKORY MITESBURG ILKES-BARRE ILLIAMSBURG ILLIAMSBURG ILLIAMSPORT WB AP	9655 9702 9714	FOREST ARMSTRONG LAZERNE BLAIR LYCOMING	1 15 6 16	41 34 40 A5 41 15 40 28 41 15	79 25 79 24 75 52 78 12 76 55	1090 1530 610 860 527		8A 7A 7A 7A			MAS. MELEN F. FINNEAR CORPS OF ENGINEERS MASS. WARY G. MIRMAF MYRON K. BIOOLE USS. MEATHER BUREAU
Y	IND GAP OLFSBURG ORK 3 SSW PUMP STA ORK 2 S FILTER PLANT ORK HAVEN		YORK	5 6 15 15	40 51 A0 03 39 55 39 56 A0 07	75 18 78 32 76 45 76 44 76 43	765 1190 390 6A0 310	50	7A 5P		C	MRS. MARY O. MOELZEL WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY METROPOLITAN EDISON CO.
2	OUNGSVILLE ION GROVE IONSVILLE ) SE	9990	WARREN SCHUYLKILL LEHIGH	1 15 14	41 51 A0 54 40 28	79 19 76 13 75 27	1225 940 680		7A 3A			MENRY CARLETT JAMES O. TEETER LESLIE MOWATT
į												

<sup>1</sup> T-ALLEGHENY, 2-BEAVER, 34-CONEMAUCH, 5-DELAWARE, 6-JUNIATA, 7-KISKIMINETAS, 8-LAKE ERIE, 9-LEHIGH, 10-MONDGAMELA, 11-DH10, 12-POTOMAC, 13-LAKE ONTARIO, 14-SCHUYLKILL;
15-SUSGUEMANNA, 16-MEST BRANCH, 17-YOUGHIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained Dy writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include leet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- Recording Rain Gage Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- Amount included in following measurement, time distribution unknown.
- Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full month.
- Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA. NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 2.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.





51.05 VP

# U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

MARCH 1962 Volume 67 No. 3



### PENNSYLVANIA - MARCH 1962

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 31st at Mercersburg

Lowest Temperature: -14° on the 2nd at Bradford 4 W Res

Greatest Total Precipitation: 5.35 inches at East Brady

Least Total Precipitation: 0.83 inch at Susquehanna

Greatest One-Day Precipitation: 2.10 inches on the 12th at Stroud-

burg and on the 6th at Chambersburg

1 ESE

Greatest Reported Total Snowfall: 33.0 inches at Somerset Fairview St

Greatest Reported Depth of Snow on Ground: 28 inches on the 7th at

Carter Camp 2 W

#### SPECIAL WEATHER SUMMARY

The abnormally cold weather that persisted since early in December finally ended about March 12 as temperatures succeeded in returning to normal or above normal levels over most of the Commonwealth. Daily readings during the remainder of the month were, for the most part on the plus side of the ledger. Due to the severity of the cold during the first part of March, however, monthly temperatures averaged below normal in most sections for the 4th consecutive month.

By far the most noteworthy weather development during the month was the complex storm system off the east coast that affected Pennsylvania on the 6th and 7th. During what is now termed the "Great Atlantic Storm", wind driven snow was reported in all sections of the state which caused extensive drifting that consequently isolated a number of communities for one to two days. Snowfall was quite variable

ranging from only traces in the extreme northwest to 2 feet in parts of Somerset County. Heavy amounts of 14 to 22 inches were reported in southern counties from York to the western border of the state as well as in the central mountains. Several roofs collasped from the weight of the waterladen snow. East of the Susquehanna River precipitation was mostly a mixture of rain and snow so that snowfall measurements were generally less than 6 inches with only one or two inches reported in the northeast. Winds, how-ever, reached 50 to 60 mph in gusts which broke a number of plate glass windows in addition to causing widespread damage to house roofs, utility lines and outdoor signboards.

> Nelson M. Kauffman Weather Bureau State Climatologis Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

# CLIMATOLOGICAL DATA

PENNSYLVANIA MARCH 1962

	-				Ter	mpera	ture										Prec	ipitation				
											_ ^	lo. af	Days			1		1	w, Slee			No. of De
Station		Average	Average	Average	Departure From Normal	Highest	Dote	Lowest	Date	Degree Days	90° ar Above	8 8	Min.	Total	Departure From Normal	Greatest Day	Dote	Total	Max. Depth on Ground	Date	10 or More	50 or More
POCONO MOUNTAINS						-	-					+	+						-	-	-	
FREELANO MAWLEY PLEASANT MOUNT 1 W SCRANTON SCRANTON WB AIRPORT		43.7 45.5 39.7 44.8 45.5	25.3 22.8 20.2 25.4 27.6	34.5 34.2 30.0 35.1 36.6	1.1	77	30 31 31 31 30	0 3 0 3 6	3+ 4 2	937 948 1080 920 874	0 0 0 0	5	26 3 28 0 28 3 26 0 25 0	2.28	- 1.88	.50 1.13 .35	13 13 13	6.6 4.0 7.3 1.5 2.8	9 4 11 1	11+ 4+ 17+	3 6 3 3	1 1 0
STROUOSBURG FOBYHANNA		47.4 41.9	24.2	35.8 32.6	8		30 30	4	3	898 999	0		27 0		- 1.05 - 2.59	2 • 10	12	3.0 9.3	3	9+	3 6	
OIVISION  EAST CENTRAL MOUNTAIN	NS .			34.1	•1									1.94	- 1.73			4.9				
LLENTOWN WB AP LLENTOWN GAS CO ETHLEHEM LEHIGH UNIV ALMERTON ORT CLINTON		49.2 48.1 42.4 47.4 48.2	28.7 28.7 31.5 28.2 23.2	39.0 38.4 37.0 37.8 35.7	1.4 .2 - 2.8 .4 - 1.8	78 69 76	30	9 9 17 9 - 1		800 817 864 835 901	0 0 0 0	3 5 2	20 0	3.24 3.59 2.16	65 51 01 - 1.40 89	1.40 1.13 1.18 1.20	12 12 12 12	4.6 4.3 2.0 3.7 6.0	3 3	7 7 10	6	2 2
OIVISION SOUTHEASTERN PIEDMON				37.6	• 3									3.09				4.1				
COATESVILLE 1 SW DEVAULT 1 W PHRATA EORGE SCHOOL RATERFORD 1 E	4 4 4	49.2 49.5 49.7 48.3 47.6	29.0 27.0 29.7 28.6 27.0	39.1 38.3 39.7 38.5 37.3	- ·1 - 1·0 - 1·3	78 77 78 76 77	31 30 30 31 31	10 8 8 10	3+ 3+ 2 3	795 821 777 813 849	00000	3 2	.8 0 23 0 20 0 22 0	0 4.47 2.81 3.28	.30 84 79	1.07 1.58 .97 1.02	12 12 12 22 22	6.5 12.5 7.8	6	7	7 5 5	4 1 3 3 3 0 4 1 2 0
OLTWOOO ANCASTER 2NE PUMP STA ANOISVILLE 2 NW EBANON 3 W ARCUS HOOK	4	48.2 51.4 47.4 47.9 51.6	31.5 26.1 28.0 29.2 34.7	39.9 38.8 37.7 38.6 43.2	8 - 1.8 1 7	78 78	30 30 31	12 7 10 7 14	2 4 2 2 2	772 806 838 812 668	00000	2 1 2 3 2 2 1	3 0 26 0 13 0 7 0	2.89 2.37 2.01	45 - 1.44 - 1.39	.96 1.02 .86 .85	12 12 12 7 12	6.5 3.5 4.1 8.5 7.4	5 4 3 7 2	7 6 7 7	7 4 6 4 5	2 0 3 1 1 0 2 0 3 2
ORGANTOWN T GRETNA 2 SE ORRISTOWN MIL OREXEL INST OF TEC HILAOELPHIA WB AP	4	48.9 49.0 48.4M 50.4	28.5 27.6 29.6M 33.8 30.9	38.7 38.3 39.0M 42.1 40.5	~ •5	78	30 30 30 30	7 6 12 12	2 2 3+ 2 4	808 823 799 707 748	0 0 0 0	2 2 2 2 1 1 1 1 1 1 1	5 0	3.33 4.37	•11	1.09 .82 1.07 1.65 1.54	21 21 12 12	4.0	4	6	4 5 6 4 4	2 1 3 0 3 1 3 2 3 2
HILAOELPHIA PT BREEZE HOENIXVILLE 1 E UAKERTOWN 1 E EADING WB CITY EST CHESTER	R 5	50.7 50.7 49.5 50.4 50.4	34.9 27.7 28.4 33.0 30.1	42.8 39.2 39.0 41.7 40.3	- •1 - 2•3 •4 - •4 - •7	78 78 78	30 30 30 30 31	14 9 9 12 8	2 4 2 2 3+	682 791 800 716 760	00000	1 1 2 2 1 1 1	9 0 3 0 9 0 3 0 7 0	4.08 3.64 3.93	• 34 - • 58 - • 07 - • 35 - • 81	1.55 1.18 1.22 1.13 1.02	12 12 22 21+ 12	4.2 6.5 5.7 7.4	4 5	7 7	4 6 6 5 6	3 2 3 1 4 2 3 2 3 1
DIVISION				39.6	- 1.0									3.34	54			6.6				
LOWER SUSQUEHANNA RENDTSVILLE LOSERVILLE 1 N ARLISLE HAMBERSBURG 1 ESE ETTYSBURG	4 5 4	7.9 7.5 0.5 8.8	27.6 29.0 29.3 26.9 29.9	37.8 38.3 39.9 37.9 39.1	- 1.2 - 1.0 - 2.2 - 2.1	80 78	31 31 30 30 31	. 8 7 9 5	2 2 3+ 8 3+	837 820 770 836 794	00000	2 1		3.60 3.29 3.29 4.37 3.30	31 39 49 .60 54	.98 .90 1.36 2.10	12 7 6 6	14.8 17.0 10.0 22.8 12.5	13 15 10 20 12	7 7 6 6	7 7 5 6 7	3 0 3 0 3 1 3 1 3 1
ANOVER ARRISBURG WB AP ERCERSBURG HIPPENSBURG DRK 3 SSW PUMP STA	R 4	9.6 9.1 00.2 1.0	28.1 29.4 28.2 27.9 28.0	38.9 39.3 39.2 39.5 39.7	- 1.9 - 1.0	80 81 78	31 30 31 30 30+	9 10 9 9	3+ 2 3+ 2 8	804 791 793 785 778	0 0 0 0	2 2 2 2 2 2 2	1 0 7 0 0 0 3 0	3.74 2.70 4.32 3.99 3.41	08 73 .69	1.00 .94 1.07 2.05 1.24	6 6 12 6 6	20.0 10.9 13.0 23.5 13.1	15 7 10 17 13	7 7 7 6 7	7 5 7 4 5	4 1 3 0 4 1 3 1 3 1
OIVISION MIODLE SUSOUEHANNA				39.0	- 1.3									3.60	- •12			15.8				
ERWICK GGLISH CENTER EWISTOWN ILLVILLE 2 SW EWPORT	4 4	9.5 5.3M 9.1 5.5 9.3	25.7 18.9M 26.3 23.9 26.2	37.6 32.1M 37.7 34.7 37.8		80 77	30 30 30 30 30	- 4 8 2 7	3 4 3 3 4	841 1012 841 931 836	00000	2 2 5 3 2 2 3 2 2 2	1 4 3 0 8 0	1.63 3.15 2.61 2.12 3.69	•14	.80 .79 .79 .66	31 12 22 12 22	4 • 2	2 4 5	6 10+ 10	4 7 5 6 7	1 0 3 0 3 0 2 0 3 0
UNBURY  WER CITY 1 S  ILLIAMSPORT WB AP	4	9.3 6.1M 7.2	25.1 26.9M 27.4	37.2 36.5M 37.3	1		31 31 30+	6	2 2 4+	856 875 851	000	2 2 3 2 3 2	4 0		1.07	•56 •91	7 22 31	8.5	6 5 4	7 7 7	6	1 0 2 0
OIVISION UPPER SUSQUEHANNA				36.4	- 1.6									2.76	84	1.62	51	9.5	4	7	7	4 3
ISTINBURG 2 W NTON 1 NW XON GLES MERE WRENCEVILLE 2 S	3 4 3	2 • 4 9 • 6 5 • 3 8 • 8 4 • 3	21.5 24.2 22.5 21.7 22.3	32.0 31.9 33.9 30.3 33.3	- •6	77 70	31 31 31	- 4 0 3 0 - 4	3	1019 1021 953 1069 976	0 0 0	5 2 7 2 4 3 7 2 3 2	4 1 0 0 9 3	1.82 1.86 1.92 2.12			7 7 12 12	10.5 7.7 3.5 11.5	9 11 3 10	7 7 10+ 7	6 6 5 7 5	1 0 1 0 0 0
NTROSE WANDA 1 ESE LLISBORO 3 S	3	9.6 5.8 9.1	22 • 1 23 • 6 21 • 3	30.9 34.7 30.2	7	71 75	31 30 30	0 1 0	4 3	1050 931 1071	0	5 2 3 2 8 2	9 3	1.70 1.66 .96	32	1.00 .43 .51	22 22 7	8.0 6.3 1.2 9.0		6 10+ 10+ 8+	5 6 4 3	2 1 0 0 1 0 0 0
DIVISION				32.2	7										- 1.26			7.2				

CONTINUED				Temp	perati	re							1				Precip	itation					
	T 1									Nσ	of D	ays	$\dagger$					Sno	w, Sleet		N	o. of [	Days
Station	Averoge Moximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lawest	Date	Degree Days	Above X	+	Min.	-	Tatol	Departure Fram Normal	Greatest Day	Date	Tatal	Max. Depth an Graund	Date	.10 ar Mare	.50 or Mare	1.00 or Mare
CENTRAL MOUNTAINS																							
BELLEFONTE 4 S OU BOIS 7 E EMPORIUM 1 N LOCK HAVEN MADERA	46.1 43.1 42.1 47.0 42.4	26.8 21.4 18.5 24.I 19.6	36.5 32.3 30.3 35.6 31.0	- 2.4	75 73 72 78 75	31+ 30+ 30 30 30	- 6 3 3 1	2 2 8 2 8	879 1009 1067 904 1045	0 0 0 0	5 3	26 29 24	0 1 4 0 2	3.08 2.90 2.57 2.99 2.43	68	.90 1.00 1.08 .95	7 31 7 7 7	11.0 25.5	10 8 22 16 20	7 7+ 7 7 7	7 6 4 6 5	2 2 2 2	0 1 1 0 0 0
PHILIPSBURG FAA AP RENOVO RIOGWAY 3 W STATE COLIFGE	40.9 48.8 45.0 44.3	22.5 21.9 19.9 26.3	31 • 7 35 • 4 32 • 5 35 • 3	•0 - 1•3	71 80 74 75	29 30 29 30	- 7 - 8 3	2 3+ 8 2	1021 915 1001 910	0000	2	27 26	2 4 0	3.93 3.35 3.76 2.62	I1 .32 - 1.08	1.53 1.09 1.04 .67	31 22 6 12	14.5 17.2 20.4	15 13 14 17	7 6 7	6 7 8 8	3	1 2 1 0
OIVISION			33.4	- 1.1										3.07	- •64			17.7					
SOUTH CENTRAL MOUNTAINS																			, ,		1.0	5	,
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW HUNTINGOON	45.6 50.5 42.1 47.9 48.4	24.8 25.9 22.8 26.3 23.8	35.2 38.2 32.5 37.1 36.1	- 1.2 - 1.7 - 1.7	77 79 73 75 80	29 30 29 31 31	- 3 2 5	2 4 2 8 4+	917 823 1000 862 887	00000	9 2		0 1 0 0	4.71 0 4.93 2.91 4.06 3.25	- 1.15 47	1.15 1.50 .65	6 6 6 7	31.0 20.8 27.0 20.0 12.5	17	7 7	10 7 9 8	2	
JOHNSTOWN KEGG MARTINSBURG FAA AP	44.1 46.5 44.0	27.3 25.7 28.2	35.7 36.1 36.1	- 2.9	80 77 75	30 29 30+	5 3 6	2 8 2	902 886 890	0 0 0	4	20 20 20	0 0	0 3.32 4.59 4.40	- •92	•67 I•25 1•31	6 21 6	16.6	13	7	9 5 8	2 4 3	2
OIVISION			35.9	- 1.5										4.02	•17			20.9					
SOUTHWEST PLATEAU																			1,,	٦.	8	1	1
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETTSTOWN 2 W BUTLER CLAYSVILLE 3 W	48.0 43.4 45.4 46.0M 48.1	27.1 26.2 22.5 25.7M 26.2	37.6 34.8 34.0 35.9M 37.2	- 2.0 - 1.6	76 78 72 77 75	30 30	2 5 4 8	2	845 929 953 895 856		6 2 3	22 25 24 23	0 0 0	4.22 4.87 3.34 3.64 2.78	•19 - •88	1.00 1.32 .87 1.03	6 6 31 21 6	14.1 26.2 16.8 13.5	11 14 13	6 6	14 8 9 9	3	0 1
CONFLUENCE 1 SW OAM OONEGAL OONORA FORO CITY 4 S OAM INOIANA 3 SE	46.2 44.7 52.3 46.4 47.4	24.1 25.1 29.9 24.6 24.8	35.2 34.9 41.1 35.5 36.1	- •7	76 75 78 76 76	29 30	5 3 7 3 1	2 2 2 3+ 2	918 925 734 909 891	0	0 2	23 23 19 24 24	0 0 0	3.12 4.24 3.42 3.09 3.44	15	.77 1.40 1.15 .75	6 6 31 6 22	25.5 14.3 15.0 14.8	16 4 9 12	6+ 6 7	8 7 9 8	2	1
MARION CENTER 2 SE NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R	43.1 48.2 48.6 48.8 44.9	24.6 25.4 30.1 27.2 28.1	33.9 36.8 39.4 38.0 36.5	8	75 77 77 79 75	29 30	- 1 2 11 6 6	2 2 2 8+ 2	958 867 790 830 873	0	6 2 0 1 3	24 22 18 24 20	0 0 0	3.63 3.21 4.50 4.66 3.85	17	.63 .78 1.50 1.46 1.06	31+ 6 31 6 31	18.7 16.3 13.5	11 9 9 16 12	7 7 6 6 7	10	3 2 4	0
PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM SALINA 3 W SLIPPERY ROCK STOYSTOWN	47.0 44.6 47.2 45.6 42.7	31.5 M 25.8 26.6 23.0	39.3 M 36.5 36.1 32.9	- 2.3	76 76 74 76 74	30 29	3 2 1	2 2 2 2	791 874 888 986		2 3 2 5	16 23 22 28	0 000	3.90 3.10 3.48 2.55 3.65		.89 .83 .89 .62	31 22 31 6 6	11.4 16.0 14.0 17.0	9 12 14	7 6 7	10	3 2	0 0 0
UNIONTOWN WAYNESBURG 2 W	49.8 49.8	30.6 26.4	40 • 2 38 • 1	- 1.2 - 2.1	77 78		8	2 8	761 827	CO	0	17	0	3.90 3.16		.98	6	19.7	8 11	6 6	8		
OIVISION			36.7	- 1.5										3.63	11			16.6					
NORTHWEST PLATEAU																				1.7			2 0
BRAOFORO FAA AIRPORT BRAOFORO 4 W RES BROOKVILLE FAA AIRPORT CLARION 3 SW CLERMONT 4 NW	38.6 41.7 42.7 37.9 38.7	21.8 17.7 23.4 18.3 18.8	30.2 29.7 33.1 28.1 28.8		6.8		- 5 -14 2 - 7	2 4 2	1070 1090 983 1138 1122	0 0			2 3 1 3 4	2 • 20 1 • 92 3 • 48 2 • 59 2 • 28		.58 .59 .97 .71	31	6.1 14.0 13.0 12.5	3 4 9	7	+ :	5 2 7 3 8 1 5 2	0 0 0
CONNEAUTVILLE CORRY COUGERSPORT 3 NW EAST BRAGY ERIE WB AIRPORT	42.1 42.5 39.4 49.5 39.6	22.3 23.1 17.7M 26.1 26.9	32.2 32.8 28.6M 37.8 33.3	- •5	69	30 29 29 29 29 29		2 2 8 2 2	1009 990 1123 836 977	0 0	8 2	30	2 4 0 0	1.70 1.71 2.08 5.35 1.17	- 2.09	.42 .43 .89 1.21	31 7 6	5.0 10.4 13.4	12	31 31 7 6 31	1	5 1 2 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE	46.2 45.4 46.7 41.7 42.7	30.0 24.9 26.0 23.2 16.6M	38.1 35.2 36.4 32.5 29.7N	4	76	29 29 7 29 30 30 30	- 1	2 2 2 2 2 8	1000	0 0	2 4	23 23 27	0 1 0 1 5	2.55 2.3 1.72	69 92 - 1.25	.80 .47 .47 .37	22 31 31	+ 19.1	8	7 5 15	+ 1	9 0	0 0 0 0 0 0 1 0
THE THE														1.5	1.75	.37	22	9.9	2	17	+	7 0	0 0

76 30 0 2 76 30 - 3 2 73 29 - 4 4 77 29 2 2

32.9 32.4 30.1 33.8

32.4

- 1.3

- .6 - 1.9

42.2 44.0 40.5 44.0 23.6 20.8 19.6 23.5

MEAOVILLE 1 S TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN

OIVISION

0 4 25 2 0 3 29 1 0 9 29 2 0 3 26 2 1.52 2.40 1.91 1.44

1.91 1.44 - 2.07 2.32 - 1.06 •37 22 •73 22 •56 31 •43 22 9.9 10.0 5.5 1.5

# DAILY PRECIPITATION

ALCENTOWN 68 AP 3.18 402	29 30 31 355 1 07 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
ALLERYCHM W8 AP  R 3114  T 468  17 103 005 1140 T T T T 94 T 94 T	1 .55 1 .07 1 .54 -05 -05 -24 -27 .97 -60 1-10 -52 -14	
MUSTINGUNG 2 W 1.82 T .21 54 .07 .07 .07 .14 T .12 T .43 A .43 A .42 .20	*24 *97 *60 1•10 *52 *14	
HEAVER FALLS 3-12 T 886 -39 T +07 +08 +06 +02 T T -29 +06 + 73 T	•52 •16 •15	7 0
12   27   49   406   12   12   27   49   406   12   12   12   12   12   12   12   1	- 80	
FEMICK 1.63	.04 .81 .30 .68	
OSVELL ISV 4.63 02 T 1.01 .77	.03 .24 .61 .33 .58 .49	
REFIEWOOD 4.17	•22 •59 •32 •40 •42 •97	
JANT CABINS 2 NE DA-93 D1-50 D-50 D-03 D-05 -95 103 D-05 -95 113 12 14 29 107 -01 T T -28 1.00 14 AMP KLINE 2.53 -07 -51 12 14 29 17 T 1 -05 -04 -61 ARTON 1 NW 1.86 T -12 -63 -03 -35 -25 T T -10 -60 T -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	. 87 . 45 . 72 . 27 . 17	
ARROLLTOWN 2 SSE 2.03 .01 .16 .21 .10 .32 .07 .09 .03 T .03 .24 .09 .38 T .02 .20 .20 .20 .20 .20 .20 .20 .20 .20	.30 .33 .50	
#ARLEGOILOCK 4 3-18 T	•67 •32 •40 •01	
EARFIELD 2.47 0.2	.08 .28 .18	
NREAUTVILLE 6 E 1.40 01 T .02 T .07 +14 .01 .30 T .04 +12 .10 .42 .03 NREAUTVILLE 6 E 1.40 .01 T .02 .06 +12 .10 .16 T .05 .05 .10 .42 .03 NREAUTVILLE 5 3.98 .03 T .01 .00 .05 .07 .07 .07 .03 .02 .28 .27 .47 .02 .03 NRSHORCEN 3.37 .01 1.0 1.08 .07 .07 .07 .03 .02 .28 .27 .47 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.07 .38 .40 .44	
RAPPOLIS REVILLE IS 2.90	.54 .16 .43 .33 .28	:
ESSON 2 SE 4.65 T .95 .75 .22 .46 T .35 .16 .08 .32 .12 1.18 WILLE 1.65 .09 .10 .24 .15 .16 .16 .21 T T .08 .36 YAULT 1 W .04.47 T .02 .02 .01 .01 .07 .12 .62 .47 T .02 T .02 .12 .16 .17 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	*06 *18 *41 *10 *25 *76	
MORA     3.42	•16 1•15 •08 1•00 •27 •28	
\$1 BRADY	•46 •83 •17 •23 •13	
JINUNK 2	.06 .10 .40 .12 .14 .51 .64 .	
***CELAND	.40 .36 1.00	
TYSBURG   3430	.03 .55 .58	
TERFORD   1.56   402   405   401   403   465   418   462   462   476   489	.45 . .18 .47 .	
RISBURG WB AP   R   2.70	*02 *02 * *04 * *05 *	
ESDALE 4 NV 1.95 T T .02 .09 .53 .39 .05 .01 T T .18 EV RROKK 1 W 3.12 .04 .10 .70 .10 .79 .30 .02 .03 1.04 TIMODON 3.25 1.93 .13 .25 .41 1.04 .14 .70 .13 T .28 TIMODON 3.25 .54 1.04 .16 .70 .13 T .12 .10 .48 .55 .91 .11 .97 .13 .13 .65	•09 •	
DMAN 4.73 1.30 .53 .08 .85 .03 T .01 T T .05 .03 1.84 .01 ESTOWN 2 MV 1.72 .01 .12 .09 .14 .08 .07 .07 .01 T T .05 .03 1.84 .01 ESTOWN 2 MV 1.72 .01 .12 .09 .14 .08 .07 .09 .15 T .01 .17 .05 .37 T SEY SHORE 3.63 .02 EV .08 .07 .09 .15 T .01 .17 .05 .37 MSTOWN 03.32 .02 .67 .41 T .0.66 .46 .10 .14 T .0.3 .03 .03 .03 .03 .03 .03 .03 .03 .0	.53 . .37 .	
E 1 MME	.44 .35 .48 .67 .02 .	

Continued			ARCM 1962
Station	Total 1 2 3	Day of Month 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	30 31
LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP 5TA LANOISVILLE 2 NW LAWRENCEVILLE 2 S	1.99 .03 1.39 .03 2.37 2.01 2.47	19 08 00 06 464 49 00 T T 558 10 00 00 00 00 00 00 00 00 00 00 00 00	.02 . T .06 .
LEBANON 3 W LEHIGHTON LE ROY LEWIS QUN 3 SE LEWIS TOWN	2+36 +02 1+64 T 2+45 2+03 +01 2+61	.02 .85 .05 .43 .40	25 + 27 + 05 + 05 + 07 + 07 + 07 + 07 + 07 + 0
LOCK MAVEN LONG POND 2 W LYNCH MADERA MAMAFFEY	2.99 T 2.20 T 3.22' .01 2.43 T 3.15 T	*4' * 4'5 *16 * 02	.65 .20 .46
MAPLE GLEN MAPLETON DEPOT MARCUS HOOK MARION CENTER 2 SE MARTINSBURG FAA AP	3.00° .20 3.94 T 4.21 3.63 .03 4.40 T	19 16 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	.05 .37 .63 T .77
MATAMORAS MC CONNELLSBURG MC KEESPORT MEADVILLE 1 5 MEDIX RUN	2 • 2 4 4 • 3 8 3 • 0 3 1 • 5 2 • 6 6 T	*16 *09	T .58 T .23 .29
MERCERSBURG MEYERSOALE MILANVILLE MILLHEIM MILLVILLE 2 5W	4.32 	T	•10 •09 •16 •21
MILROY MONIPOSE MORGANTOWN MT GRETNA 2 SE MYERSTOWN	2.74 .03 1.70 .02 T 2.62 2.65 2.04 .05	**************************************	•11 •13 •05 •03
NATRONA LOCK 4 NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK	3.10 .05 3.92 3.21 .02 4.50 4.30	*** *** *** *** *** *** *** *** *** **	.36 .53 1.5D .08
NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE	3.69 •01 4.66 T 2.84 3.33 •02 1.23 T T	**************************************	T 1.20 T .25
ORWELL 2 NW PALM PALMERTON PARKER PAUPACK 2 WNW	1.55 3.14 2.16 - 1.59 +02	12 32 28 455 35 122 T 12 14 02 02 1018 T 02 59 1 39 425 T 15 01 06 48 56 06 T T 2 27 06 39 T 23 25 415 01 06 48 56 06 T T	T •D7 •37 •02
PHIL DREXEL INST OF TEC PHILADELPMIA WB AP PHILAOELPMIA PT BREEZE PMILIPSBURG FAA AP PHOENIXVILLE 1 E	4.37 3.91 4.08 3.93 7 3.64	T .74	1 1.53 -25
PIKE5 CREEK PITISBURGH WB AP 2 //R PITISBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON	1.81 .02 3.85 T 3.90 2.28 3.31	*61 *61 T T *08 T *09 *04 *06 *04 T *01 T *23 T *68 *05 T *10 *36 *01 *11 *10 *11 *10 *11 *10 *11 T T *34 *72 *08 T *72 *08 T *10 *10 *10 *10 *10 *10 *10 *10 *10 *10	.49 1.06 .42 .89 .12
POTTSVILLE PUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYMONO READING WB CITY R	3.10 T 3.93 .03 T 02.00 0.15 3.43	.46 .18 .08 .11 .26 .10 .13 .04 T .01 .20 .10 .83 T T .01 .22 .10 .83 T T .01 .22 T .122 T .11 .50 .10 .03 .03 .08 T T T .02 T .122 T .58 .11 .50 .12 .12 .13 T T .13 .50 .58 T T .13 .13 .14 .03 .05 T T T .143	**************************************
REMOVO REW RICES LANDING L 6 RIDGWAY 3 W RUSHYILLE RUSSELL	1.87 3.17 3.76 1.24 .05	-06 -15 -05 -28 -12 -18 -03 -13 -19 -39 -05 -17 -18 -19 -39 -05 -17 -18 -19 -39 -05 -18 -19 -39 -05 -18 -19 -39 -05 -18 -19 -39 -05 -18 -19 -39 -05 -18 -19 -39 -05 -18 -18 -19 -39 -18 -18 -19 -39 -05 -18 -18 -19 -39 -05 -18 -18 -19 -18 -18 -19 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18	.36 .83 .19
SACAMORE 1 5 SALINA 3 W SAXTON SCHENLEY LOCK 5	10 3.48 T 4.48 .02 3.41 T	.5010 .30 .20 .10 .10 T .20 .1580 T .58 .45 .08 .03 .15 .05 .03 T T .28 .04 .65 .05 T .151 .61 .15 .86 .05 .01 T T .27 .23 .70 T .85 .13 T .12 .34 .04 .03 .04 T T .42 .22 .60 T .85 .13 T .12 .34 .04 .03 .04 T T .42 .22 .60 T	.20 .81 .00 .6.
SCRANTON WB AIRPORT SHAMOKIN SHIPPENSBURG SINNEMAHONING SIZERVILLE	1.98 T 2.221 T 3.99 2.77 .01	T 0.2	•0 •2
SLIPPERY ROCK SOMERSET FAIRVIEW 5T SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE	2.55 3.17 .10 4.72 T 4.39 2.62 .01	*62 *50 *05 *16 *01 *06 *07 T *03 *13 *07 *17 *10 *11 *15 *15 *15 *15 *15 *15 *15 *15 *15	T .1
STOYSTOWN STRAUSSTOWN STRAUGSBURG STUMP CREEK SUNBURY	3.65 .02 2.96 T 3.07 2.17 .01 1.88 .03	**************************************	T .0
SUSQUEMANNA TAMAQUA 4 N DAM TIONESTA 2 5E DAM TITUSVILLE WATER WORKS	.83 T T 2.93 .04 2.24 2.40	112 +23 +17 -76 +53 T 1.08 T 1	• 3
TOBYHANNA TORPEOO 4 W TOWANDA 1 E5E TOWER CITY 1 S TROY	1.87 1.39 1.66 2.18 2.11	TO .07 .03 .17 .17 .06 .01 .02 .03 T .42 .01 .01 .02 .03 T .51 .51 .06 .25 .09 .69 .14 .7 T .91 .20 .54 .10 .39 .33 .04 .01 .01 .26	.21 .5 .2 .2 .1 .6
TURTLEPOINT 4 NE TYRONE 4 NE BALD EAGLE UNION CITY FILT PLANT UNIONTOWN VANOERGRIFT	1.14 T T T T T T T T T T T T T T T T T T T	25 .62 .25 .68 .08 .05 T T .14 .071.04 .25 .25 .68 .08 .05 T T .03 .33 .33 .24 .98 .66 .02 .07 T .09 .04 .05 T T .16 .01 .35 .28 T .1.00 .29 .07 .18 .02 .06 .05 .01 .41 .08 .69 T	•1D •6
VIRGINVILLE WARREN WATSONTOWN WAYNESBURG 2 W WELLSBORG 3 S	3.08 .04 1.44 .02 3.91 3.16	107 -12 -18 -16 -08 -02 -06 -05 -43 -02 -07 -19 T T T -16 -20 -07 -06 T T T T T -14 -08 -03 -05 -05 -05 -05 -05 -05 -05 -05 -05 -05	T 1.0
WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESBURG	3.37 T 3.33 .06 2.15 .03 4.91 T	-05 -80 -12 1-02 -35 -01 -12 1-02 -35 -11 -75 -12 1-02 -25 -03 -02 -05 -10 -25 -00 -30 -10 -10 -10 -10 -10 -10 -10 -10 -10 -1	:

See reference notes following Station Index
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## DAILY PRECIPITATION

Continued																																I BEH		
4	Station	otal													Day	of M	onth																	
		F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FILLES BAR FILLTAMSBU FILLTAMSPO FORE 3 SSW	RG RT WS AP	1.02 3.88 6.80 4.09 3.41	* 03 T					.08 .58 .57	1.08		.18	1 +17	.14	.25 .24 1.02	.43 .10 .11	0 8 1	T	T T	T		.01	*40 T *34	*16 1 * 12 *18 * 75	.17 .85 .01					1 -				.08 .19 1.82 .07	
ORE HAVEN	E	3.03						• 0 2	*35 - *27			•15 •04 •31			*10 *10 *24							+10	•14 •07	.90									.02	

### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum:		rages		Numi	per of de	ays with	precipi	tation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	6010.	.1049	.50–.99	1.00-1 99	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
LLENTOWN WB AIRPORT	NW	16	13.4	36++	NNE	6	70	74	46	58	7	3	2	1	1	0	14	_	4,8
RIE WB AIRPORT	NE	24	12.8	43++	5E	12+	77	81	72	76	8	4	5	0	0	0	17	_	7.2
ARRISBURG WB AIRPORT	WNW	15	9.8	36	NE	6	60	66	47	52	3	6	2	3	0	0	14	67	5.7
HILAOELPHIA WB AIRPORT	N	15	12.8	48	NE	6	65	67	47	53	5	3	1	1	2	0	12	73	5.3
ITTSBURGH WB AIRPORT 2	W	10	10.2	23	WSW	13+	70	76	59	60	8	7	3	2	1	0	21	47	7.7
EAGING WB CITY	NW	-	13.8	49	NE	6	- 1	-	-	-	4	3	2	1	2	0	12	72	5.2
CRANTON WB AIRPORT	NNW	15	9.6	36	5E	12	64	70	49	54	6	6	1	2	0	0	15	57	5.5
ILLIAMSPORT WB AIRPORT	W	16	8,8	30++	E	11	71	76	48	57	5	4	3	1	3	0	16	-	5.8

## DAILY SOIL TEMPERATURES

	Station And		Time													,		Day o	of mo	nth															rage
	Depth			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ER	IE CO FIELD RSCH	LAB																																	
	8 INCHES		MAX MIN	34 32	32 29	29 27	28 26	30 28	31 30	32 31	32 31	33 32	32	32 32	33 32	33 33	33 33	33 33	34 33	34 33	33 33	33 33	33 33	33 33	33 33	34 33	34 34	34 33	34 33	34 33	33 33	33 33	34 33		32.7 31.9
	LANDISVILLE 2 N	₹W_																										1							
	2 INCHES		8 AM	30	27	26	26	28	30	30	29	29	30	30	30	30	30	30	30	31	31	32	35	37	37	36	36	35	35	36	37	39	42	45	32.5
	STATE COLLEGE 2	2																																	
	2 INCHES		MAX	35 29	33 22	33 22	34 23	33 27	33 32	33 33	34 33	34 33	34 34	35 34	35 34	34 34	34 33	34 33	34 34	35 34	35 33	34 33	38 33	35 33	46 34	48 33	45 33	45 33	50 33	48 34	52 34	56 38	56 <b>43</b>		39.2 32.7
	4 INCHES		MAX	34 30	33 24	33 23	34 24	33 28	33 32	33 33	34 33	34 33	34 34	34 33	34 33	34 33	34 33	34 33	34	34 33	34 33	34 33	37 33	35 33	43 34	45 33	41 33	42 33	46 33	45 34	49 35	53 39	53 44		38.0 32.8
	8 INCHES		MAX	35 32	33 29	33 28	33 28	33 30	33 32	33 33	34 34	34	34 34	34 34	35 34	35 34	35 33	34 33	35 34	35 33	34 33	34 33	34 33	34 33	37 33	39 33	37 34	38 34	40 35	41 36	43 36	47 40	48 43		36.5 33.8
	12 INCHES		MAX	35 33	33 33	33 32	33 32	33 32	33 32	33 33	33 33	34 33	34 33	34 34	34 34	34 34	34 33	34 33	34 34	34 33	34 33	34 33	34 33	34 33	34 33	35 33	35 34	36 34	37 35	38 36	40 37	42 39	44 42		35.3 34.2
	16 INCHES		MAX	35 33	34 33	35 33	34 33	34 32	34 33	34 33	34 33	34	34 33	34 33	34 34	34 33	35 33	34 33	35 34	35 34	35 34	35 34	36 34	35 33	35 34	35 34	36 35	36 35	36 35	37 36	39 36	41 38	42 41		35.6 34.3

Erie Co Field Rsch Lab - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Ryegrass and Native Weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam. Ground Cover: Permanent blue grass sod which is kept clipped to a height of 2 inches. Instrumentation: Weston Electric Soil Thermometer.

State College 2 - Slope of Ground: Gentle slope to the southeast. Soil Type: Hagerstown silt loam. Ground Cover: Kentucky blue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constantan Thermocouple on recording Potentiometer.

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of Mo		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALLENTOWN W8 AP	MAX	36 12	27	31	36 12	36 25	35 31	41 27	44	39 24	49	45 29	46	49	47 32	46	43	47	48	52 27	51 37	43	57 33	56 33	55 28	58 32	60	60	64	75 32	78 41	72	49.2
ALLENTOWN GAS CO	MAX	42	28	27	31	36 17	37 26	34 29	40 18	43	39 28	49	43	47 33	50 32	48	48 28	43 32	45	48 27	53 35	52 38	44	58 34	56 30	54 33	58	60	59 30	6 <b>5</b> 32	76 43	78	48 • 1
ALTOONA HORSESHOE CURVE	MAX MIN	33 10	26	33 5	42	33 19	33 27	42 15	39 11	34 23	35 27	39 22	47 31	42 32	38 30	41	35 25	42	44	42 21	53 31	46	52 32	53 33	50	56 27	60	57	63	77 35	73 42	55	45.6
ARENOTSVILLE	MAX	50 19	29	25 9	32 10	39 19	34 25	34 25	38 16	42 14	36 26	44	42 28	53 32	47 35	46 31	47 28	41 31	46	48	52 35	58 37	45 37	56 34	54 28	53 33	58 33	59	61	64 33	75 40	78 50	47.9
AUSTINBURG 2 W	MAX	43	17	18 - 4	25 - 3	29	34 15	31 14	39	42 12	33 26	46 29	42 34	49 32	40 29	43 30	45 24	35 26	40	42 20	47 21	42 31	40 33	42 32	47	45 25	49 23	53	5 4 2 5	59 35	74	68	42.4
8AKERSTOWN 3 WNW	MAX	32 8	24	33 10	41 11	45 27	37 25	40 18	40 21	40 27	42 30	44 34	55 39	55 32	40 30	37 25	37 24	46 27	47	47	5 6 3 2	58 39	47 35	51 36	5 O 3 2	56 22	59 34	60	64 25	76 40	75 52	53	48.0 27.1
BELLEFONTE 4 S	MAX MIN	47 11	27	30 6	34 12	35 11	35 21	33 20	40 11	40 15	32 28	3 8 3 2	43 32	49 33	40 32	40 28	41 28	39 26	45	48 30	48 32	53 35	43 33	52 34	54 30	54 32	58 30	60 34	59 37	63 42	75 46	75 39	46.1
8ERWICK	MAX	38 17	25 8	30 7	36 8	40 17	38 20	42 26	45 19	42 23	48 31	49 30	45 25	47	48 32	46 27	41 25	45 30	48	51 21	49 37	47 35	57 31	55 31	53 20	57 26	59 30	60 28	63 25	78 31	79 42	74	49.5
8ETHLEHEM LEHIGH UNIV	MAX	36 22	24 17	28 17	33 18	34 28	3 2 2 8	31 31	33 30	32 24	37 30	36 35	46 34	42 36	38 36	38 36	37 34	37 34	40 34	41 35	45 40	40 38	46	48 36	51 35	49 35	52 34	57 33	5 5 3 4	61 31	69 35	67 33	42.4 31.5
BLAIRSVILLE 6 ENE	MAX	26 8	28	35 7	46 15	36 23	32 25	35 22	35 19	29 24	36 25	36 30	51 32	43 30	32 28	34 24	29 21	38 26	40	39 25	54 31	40 37	48	51 35	48 30	54 22	57 34	53	63 31	78 48	69 48	50 35	43.4
8LOSERVILLE 1 N	MAX MIN	45 18	30 7	25 8	35 10	40 20	35 22	38 21	40 23	41	34 26	43 28	40	49	43 35	30	48	44	48	48 27	49	52 36	44	56 34	55 35	55 34	56 34	61	60 34	64	75 46	77 52	47.5 29.0
8RAOFORO FAA AlRPORT	MAX	16	19 - 4	25 1	36 - 5	32 13	31 24	35 18	39 9	28 23	42 26	41 29	46 33	35 29	33 28	31 25	28 22	36 22	38 15	40 18	39 30	38	39 34	42 27	42	46 28	52 21	47	56 25	70 44	58 36	36	38.6
8RAOFORO 4 W RES	MAX	27	18	24	32	34	32 26	36 9	39 2	3 8 2 2	42 24	42 21	5 0 3 2	46 28	36 28	33 25	30 22	38	41	43 12	40	41	41	46 28	44	48 18	54 16	50	59 19	73 27	70 32	45	41.7
8ROOKVILLE FAA AIRPORT	MAX	20	25 - 1	3 2 5	40	32 13	32 29	39 16	3 9 5	30 25	37 28	41 31	50 36	37 31	34 30	35 28	32 25	41	44	42 18	50 32	40 32	47 35	52 31	50	52	59 24	53	62	75 31	64 39	38 35	42.7
8URGETTSTOWN 2 W	MAX	40	20	30 5	37 12	48 12	38 27	38 12	39 7	43	35 30	41 32	48 35	57 34	41 32	36 29	34	35 26	45 15	47 16	40	58 36	44	48 30	49	50 15	51 18	60	56 19	61	72 42	65	45.4
BURNT CABINS 2 NE	MAX	43	27	33	42	42 19	34 29	40	42 5	40	42	41 23	54 34	55 34	43 34	45 31	44	45 30	46 23	50 19	58 33	58 39	56 36	56 28	55 27	60 23	58 26	62 23	65 25	76 35	79 45	75 53	50.5
BUTLER	MAX	39 10	19	30 6		45	32 26	36 18	43	43	38		40	55 35	39	36	35 27	41 27		46 19	46 24	56 39	44	51 33	51		56 22	61	54 23	65 30	77 49	65	46.0
CANTON 1 NW	MAX	38	15	15	21	23	32 12	28	35 15	36 20	30 25	42 28	42	42 33	39 30	39	35 25	33	39	38 25	44	38	38	45 33	45	44	48 28	50	54	58 34	70 45	72	39.6
CARLISLE	MAX	40	30	35 9	41 12	36 20	35 32	41 26	41 11	35 18	44 31	42	49	48	46 36	49	42	50	51	52	59	52 39	59	56 36	56 29	61	62	63	66	78 37	80	68	50.5
CHAMBERSBURG 1 ESE	MAX	37 19	26	34	41	33 20	35 28	38	40	35 15	42	45 25	51 33	45	44	46	39	47	48	49	59	46	56 36	57	56 27	60	60	60	64	76 32	78 41	67	48.8
CLARION 3 SW	MAX	22	20	27	37	33	26 23	38	34 - 2	25 18	32	38 21	46 31	36 26	27 25	28 23	26 21	36	35 11	35 11	43	35 26	43	44	41	47	53	45	55 17	68	57 32	42	37.9
CLAYSVILLE 3 W	MAX	30 12	34 8	44	50	40 27	40	42 19	42	37 30	43	50 30	58	47 33	37 33	36 31	35	45	45 17	42	59 32	50 39	47	52 31	53 38	56 16	60	57 19	65	75 30	66 41	53	48.1
CLERMONT 4 NW	MAX	15	18	20	24	32 6	30 24	32	36 0	26 20	38	42 30	48	40	40 30	38 26	34	38	40	42	36 32	32	40	42	38	40	52 18	52	56 18	69	64	45	38.7
COATESVILLE 1 SW	MAX	43	30 10	29 10	35 13	40 17	38 25	33	39 22	42 19	40	48	43	50 34	52 35	46	49	44	47	50	56 35	56 35	47	58	57 32	55	59	60	62	64	75 41	78.	49.2
CONFLUENCE 1 SW OAM	MAX	48	24	34	42 11	54 13	30 25	34 18	43 7	39	34 29	43	39 34	56 33	39 31	39	35 26	33	42	45 19	43	58 35	47 35	51 36	47 37	50	58	60	55	63	76 40	70	46.2
CONNEAUTVILLE	MAX	30	14	22	29	37 14	38 28	33	36 17	45 28	36 28	40	49	56 32	44	37	36	32	40	44	41	44	44	48	48 18	43	49	54	50	66	77	42	42.1
CORRY	MAX		21 - 3	27	32	39 15	34	38	41 14	38 26	42	47	52 36	42 32	35 30	34		38	44	42	40	40	46	48	44	48		51		75 45	67		42.5 23.1
COUOERSPORT 3 NW		23	25 -10				31 25	37	41 - 2	29	44		48	38		34	32	37	39	42	41	37	42	40	41	44	50	49	56	69		47	39.4
OEVAULT 1 W	MAX		28	32	44	36 19	31	39	45			45	48	50	46	47	48	47	47	52	54		56	56 30	56	58	59	59	63		77 43	71	49.5
OIXON	MAX	42	24	21	24	29	38	36	42 15	44	38	48	49	41		44	42	38	43	44	51	47	41	53	50	50	53	55	58	62	76	77	45.3
OONEGAL	MAX		31		49	37	34	35	38	32	39		56			35	34	41	42	40	54 36	47	49	56	48	54 18	58		61	75	70	43	44.7
OONORA	MAX		36	42	52	47 27	40	43	44	44	46	50 35	62	58		38	39	51	52	57	61	59	51	51	57	61	64	62		78	75 54	56	52.3
OU 801S 7 E	MAX	30	23	29	35	34	33		38		36 27		50	49	35 29	34	32 24		41		47			49		49	53	52	58	73	73 35	51	43.1
EAGLES MERE	MAX	35	16	15		26	32	27	33 19	39		42 26	40	41	39	41	37	34		39	42	37			42	43		48	53	56	68	70	38.8
EAST BRACY	MAX		32		50	39 28	37 29	49	48	44	40	48	57 35	50		39	35	45		44	56 33	45		55 35	52	57	64	62	67	79	77	54	49.5
E8ENS8URG	MAX	26		31	40	32 20	30 25	32	34		34 25	36 25	50	43	32 26	33	32 21	40	42	40	49	43	47	50	48	52	54	53	60	73	68	49	42.1
EMPORIUM 1 N	MAX	40	20		30	36	34 16	32	40	42	30 24	44 23	44	48	38 29	38 27	37	33	41	41	44	45	40	43	46	46	49	54	52	57	72	67	42.1 18.5
ENGLISH CENTER	MAX		24	23		34			42		32	47	45	50	43	45	40	31	44	15	48	44	41	50	51	50	53	58	59	62	76	75	45.3 18.9
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PHRATA	MAX	32 22	28	34	39 11	37 19	34	40 26	42	38	48	41	49	48	46	50	43	5 U	50 27	52	5 2 3 7	50	59	56 32	56	60	61	62 32	63	74	78 49	69	49.7
RIE WB AIRPORT	MAX MIN	17	17	21	24	34 17	34	32	43	35	39	48	50	39	35 3 I	32	31 27	36	39 25	44	40	36	40	43	40	44	48	48	59	76 53	63		39.6
VERETT 1 SW	MAX	46	26	32	34	45	33	34	42	40	34	44	44	58	45 34	42	44	40	45	47	46	56	46	56	58	55	57	62	60	64	74	75	
ARRELL SHARON	MAX MIN	19	28	38	46	38 31	34	40	48	36	43	50		48	39	40	38	44	46 26	38	56	43	5D 40	50	49	50	32 58 34	56	69	79	36 60 41	41	
ORD CITY & S OAM	MAX	43	23	30	37	46	33	38	44	4 I 1 7	33		44	56	42	39	38	38	44	47	44	56	43	53	54	51	56	60	55	63	76 48	70	46.4
RANKLIN	MAX	26	30	37	44	34	35	44	40	33	39	45	55	43	37	35	36 26	42	45 19	42	50	42	50	50	53	54	61	54	64	76	68		
REELANO	MAX	35	19	26	28	32	31	39	41	38	45	41	40	40	40	36	36 24	32	42	46	48		52	49	48	51	53	54	57	68	71	68	
EORGE SCHOOL	MAX	41 26	31 11	28	32	37	38	35 32	38	40	38	47	42	52	50	48	49	50	48	47	53	52	47	53	54	56	60	31 58	33	64	73		25.3
ETTYSBURG	MAX	50	30	27	34	41	33	35	38	40	35 26	44	41	53	46	45	47	40	47	48	52	60	35	57	55	55	30 59	60	62	38	75	77	48.3
RATERFORO 1 E	MAX	40	30	27	32	37	37	35	3 8	40	38	47	41	49	49	47	47	47	30	25	36 52	52	37	35 56	30 55	35 55	57	59	3 7 5 9	39 62	73	77	29.9
REENVILLE	MAX M1N	25	30	38	10	13 35 27	36 29	28 42 17	20 43 18	20 38 28	40 31	28 48 32	30 56 38	33 50 34	33 35 31	33 37 28	35	43	48	42	53	43	35	54	31	31 56	62	32 55	67	33 77	71		27.0
ANOVER	MAX	48	32	31	36	41	35	35	40	42	36	44	44	51	48	46	26	27 42	51	50	3 4 5 3	33 60	37 47	35 60	57	21	28 60	61	23	66	76	32 79	26.0
ARRISBURG WB AP	MAX	35	27	32	37	37	35	40	39	13	42	40	35	46	34	48	30 45	3 O 5 O	51	53	29 52	38 47	3 6 5 8	35 54	32 56	30 59	29 59	62	34 64	36 77	80	53 69	28 - 1
ANTEY	MAX	38	22	24	28	33	32	33	40	25	37	52	34 45	35	35 49	43	31	33	28	25	38	38	38	36 55	33 51	33 50	31 52	57	34 56	35 61	75	49 77	45.5
OLTWOOD	MIN	37	27	32	36	37	37	39	40	37	14	20	22	33	31 45	33	30	30 48	47	52	25 54	31	26 56	29 52	54	29 56	23 57	27 59	3 0 6 3	31 71	31 74	39 69	22.8
UNT INGDON	MIN	19	28	28	34	40	30	35	43	42	35	29	35 43	51	37 43	35	33 46	33	48	28	39 50	57	38	37 57	58	38	35 60	37 63	36	39 66	46 79	48 80	31.5
NDIANA 3 SE	MAX	30	31	39	48	36	32	21	9	32	41	24	28 56	33	34	31	30	3 Q 4 5	27	20	20 55	33 47	35 53	30 53	25	28	27 61	25 56	63	20 76	32 71	39 53	23.8
AMESTOWN 2 NW	MIN	30	1	23	32	26 38	34	15 35	37	41	30	39	36	32 53	31	28	25 34	26 34	16 39	17	33	35 48	35	35 49	50	18	50	20	51	30 65	41 70	3 8 5 3	24 • 8
OHNSTOWN	MIN	43	21	30	37	12	30	33	18	37	34	37	35	32 55	37	35	23	32	16	20	27	53	34	32 50	50	19	25 55	22	53	35 62	47 80	31 70	23 - 2
ANE 1 NNE	MIN	40	16	22	30	18	38	31	10	13	30	34 43	36	35	32	30	29	28	21	24	33	39	38	38	37 48	22	31 50	29 55	29	35 59	73	62	27.3
EGG	MAX	30	29	-10 34	46	- 9 29	34	38	40	30	26	40	50	30	30	41	36	23	9	13	17 56	28	33 53	30 53	17	19	18	19	20	28 77	33 74	33	16.6
ANCASTER ZNE PUMP STA	MAX	12	5 31	8 35	40	23	36	13	3	15 37	23	19 45	33	33	33 48	50	28	28	23	23	3 3 5 3	36	35 62	33 58	35 58	25 61	28 63	28	29 65	33 76	50 79	71	25 • 7
ANOISVILLE 2 NW	MIM	42	8 2 8	9	31	15 38	39	35	15 39	39	28	24	32	28	32 46	31	29	29	27	20	35 52	34	33 45	28	24	31 54	25 58	27	27	30 62	41 76	78	26.1
AWRENCEVILLE 2 S	MIN	34	10	11	28	19 35	35	28	19	23 35	30	28	35	30	31	33	30	32	27	25	35 43	37	35	32	28	30	27	31 56	28	33 74	40 72	45 55	28.0
EBANON 3 W	MIN	10	30	- 4 28	- 2	6 38	29 36	13	- 2 42	5 39	27 36	26	36	32	29 46	35 45	25	33	19	20	32	33 52	34	32	19	25	20	21	21	37	45	3.6 7.8	22 • 3
EW1STOWN	MIN	22	7	8 29	i	18	24 37		24	24	27		33		33	33	29 49	32	28	28		37						35	36	36 66	46		29.2
OCK HAVEN	MIN	19	9	8	10	10	11	28	16	15	28	29	31	35	36	35	32	30	31	25	23	35	37	34	30	27	29	28	28	30	35	41	26.3
AOERA	M1N MAX	15	3	4	4	15	21	19	10	13	27	26	31	33	33	33	30	30	22	21	25	34	34	30	23	25	25	25	25	31	35	46	24.1
ARCUS HOOK	MIN	9	- 1		2	2	20	19	1	4	25	23	33	31	29	27	22	24	17	16	17	33	33	29	23	20	21	20	21	22	30	37	19.6
ARION CENTER 2 SE	M1N MAX	18	14	15	16	28	33	35	31	30	34	36	38	40	38	37	34	35	33	35	41	40	38	39	35	37	39	40	40	42	50	54	34.7
ARTINSBURG FAA AP	MIN	8	- 1	3	10	22	27	18	14	24	27	29	33	30	28	25	21	25	17	21	31	35	33	33	27	20	30	23	2 5	42	49	34	24.6
EADVILLE 1 S	MIN	12	6	7	12	31 23 36	28	20	37 15 38	25	28	28	34		32	30	25	30	26	24		3.8	34	34	32	30	33	36	33	43	51	39	28 • 2
ERCERSBURG	MAX M1N MAX	6	0	31	3	10	27	18	20	25	28	29	36	33	31	28	25	25	18	20	27	31	37	34	24	20	24	20	23	33	41	31	23.6
ILLVILLE 2 SW	MIN	19	9	9	12	22	28	26	12	18	26	22	33	32	35	33	31	32	28	22	34	39	37	34	35	29	29	30	3 2	34	41	50	50.2
	MAX M1N	15	5	2	3	8	17	26	11	16	23	27	28	31	30	30	27	28	25	23	23	33	31	32	25	31	27	29	30	32	3 3	40	23.9
DNTROSE	MAX M1N	10	- 3		0	4	21	23	19	19	20	22	29	32	30	30	25	25	21	21	21	32	31	30	20	21	27	29	27	29	39	36	39.6
DRGANTOWN	MAX	15	7		11	20	25	27	13	23	30	29		33	30	31	28	30	28	27	36	36	34	33	30	30	30	32	30	42	52	48	48.9 28.5
GRETNA 2 SE	MAX	35 13	27	32 8	43	36 19	35 25	41	39 18	36	45	40 28	50 34	47 33	45 31	47 32	41	49 30	49 27	53 23	53 37	45 36	58 34	54 32	54 31	58 34	59 29	60 28	63 34	76 36	78 40	70 48	49.0 27.6
EW CASTLE 1 N	MAX	3.0	30	3.8	46	43	34	40	4.2	4.2	4.2	4.7	66	54	37	36	26	45	4.7	45	5.5	55	53	5.4	50	5.4	42	64	66	77	74	44	40 2

MAX 30 30 38 46 43 36 40 43 42 42 47 55 54 37 36 36 45 47 45 55 55 53 54 50 56 62 56 66 77 74 44 48.2 M1N 9 2 10 6 26 28 15 10 29 31 33 37 34 29 29 26 28 18 20 32 34 37 34 27 19 28 21 23 35 42 34 25.4

EW CASTLE 1 N

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Station					_								_			Day	Of Mo	nth													,		erage
NEWELL	MAX	1 40	2	3	4	5	6	7	8	9	10	11	12	13	14	15		17	18	19		21	22	23		25		27	28	29		31	A
	MIN	17	35	17	19	52 31	28	25	17	45 31	38	47 36	55 39	57 33	33	37	35 27	41 29	23	22	50 33	58 41	52 40	49 40	40	52 25	59 39	26	58	72 35	77 4 <b>7</b>	38	48.6 30.1
NEWPORT	MAX	21	32 9	26 9	7	40 8	36 16	28	10	10	35 28	48 27	45 29	52 40	45 37	45 35	48 32	33	35	52 26	5 2 2 9	56 40	46 37	58 31	57 24	56 25	61 28	62 26	63 28	68 30	80 35	75 39	49 • 3 26 • 2
NEW STANTON	MAX	10	34 6	11	54 20	42 27	39 29	11	38 6	43 25	43 32	44 32	58 38	30	38 24	40 30	36 26	46 27	49 25	45 28	60 40	53 40	59 38	58 32	52 29	54 26	61 35	56 23	66 31	79 31	71 44	46 38	48.8
NORRISTOWN	MAX	34 15	30 12	35 12	40	40 24	37 32	43 30	43 24	41 27	49 31	45 31	54 35	55 35	50 35	50 34	45 31	47 33	51 30	56 26	55 40	48 38	59 36	58 35	58 31	60 35	62 35	61 37					48.4
PALMERTON	MAX	37 11	25 9	28 10	33 13	37 23	35 32	41	42 17	37 23	48 29	43 28	45 34	47 32	46 32	44 35	40 27	43 31	45 27	51 22	49 38	42 35	56 31	53 34	52 25	56 35	58 30	58 34	62 25	72 30	76 47	68	47.4
PHIL OREXEL INST OF TEC	MAX	32 16	30 12	35 I 3	39 15	38 27	3 <b>5</b> 30	38	38 28	40 30	47	46 33	57 36	52	49 38	52 38	48	48	51	56 34	53	48	53 36	55 37	56 36	60	60 38	59	63	72	77 54	74 57	50.4
PHILAGELPHIA W8 AP	MAX	39 16	29	34 13	38	39	36 32	37	38	40 26	47	47 28	56 38	51 36	47	50 33	45 29	46	50 29	54	53	47	54	55	55	60	59	60	63	74	77	74	50.1
PHILAGELPHIA PT BREEZE	MAX MIN	42	30 14	34 16	39 18	40	35 31	38 34	41	41	48	48 34	54 37	52 39	48	50 38	45 35	48	51	53	54 41	48	56 36	56 39	55 36	59 36	32 60 41	37 62 40	33 64 42	37 72 44	50 76 54	73 57	30.9 50.7 34.9
PHILIPSBURG FAA AP	MAX	28	22 - 7	29	36 - 5	30 17	31 26	38 15	3 4 2	27 22	38 27	37 21	46 31	41	33 28	34	31 24	3 7 2 5	38	39 14	45 32	42	46	46 31	45 26	50	55 23	53	57 28	71 35	66 45	42	40.9
PHOENIXVILLE 1 E	MAX MIN	42	28 11	34 I 1	38	39 17	38 31	39 31	42 14	40 17	47	45 23	51 26	50 29	49 31	48	45	46 32	50	54 21	55 38	51 37	57 36	57 30	58	59	60	60	63	74 36	78 48	76	50.7
PITTSBURGH W8 AP 2	MAX	25	30	37 14	47	37 27	3 <b>6</b> 28	37	39 12	32 30	39 30	43	55 38	40	36 30	35 29	34	44	46	38	56 36	45	47	48	49	56	60	55	63	75 42	66	42	44.9
PITTSBURGH W8 CITY	MAX	26 12	31 8	37 13	48	39 27	39 30	40	42 23	35 31	41	45 36	59 41	42	3 8 3 2	39	36	46	47	42	59	49	49	51	50	57	61 38	55	66	76 52	42 69 43	33	28.1 47.0 31.5
PLEASANT MOUNT 1 W	MAX	37	14	16	19	24	32	34	40	43	34	48	43	37	42	38	38	34	38	38	44	45	35 22	46	43	41	43	47	47	53	67	70	39.7
PORT CLINTON	MAX	42	30	27	35	39	37	36 23	42	38	37	51	45	46	49	47	48	42	45	49	52	53	44	59	55	56	57	59	60	63	74	77	48.2
PUTNEYVILLE Z SE OAM	MAX	44	20	27	33	43	32	35	40	39	33	38	44	54	40	36	36 25	36 26	25 42 20	21 45 19	43	54	30	50	52	50	55	60	55	62	76	68	23.2
OUAKERTOWN 1 E	MAX	40	27	30 10	35	37	35 29	40	42 18	38 16	47	45	46	48	47	45	43	45 32	47 28	52	5 2 3 5	33 49 36	34 57 33	33 60 30	55	57	60	60	65	32 75	78	76	49.5
READING WB CITY	MAX	38	29	36	39	38	36 32	41	42	39 27	49	43	50 36	49	46	47	42	48	49	53	53	46	61	58 37	31 56 34	33 59 36	28 62 37	33 63 38	27 64 37	76	42 78 55	43 71 54	28·4 50·4 33·0
RENOVO	MAX	44	29	27	36	39	39 15	34	47 11	47	34	49	48	49	47	44	44	39	51	50	53	52	42	50	55	55	58 24	62	66 26	65 28	80 32	77	48.8
RIOGWAY 3 W	MAX	30	25	32	40	39 17	34	41	42	40	40	44	52 35	48	37 31	35	34 26	40	42	44	48	45	47	49	46	52	58 18	56	61	74 27	72 32	49	45.0
SALINA 3 W	MAX M1N	30 11	29	36	46	41	37 26	38	40	36	41	42	56 36	52	40	36	35 23	44	45	43	57 35	54	52 36	51	50	56 19	60	57	62	74 33	69	53	47.2 25.8
SCRANTON	MAX	43	18	20	23	27	40	36 24	43	46	40	49	49	43	47 31	40	40	36	40	43	51 26	50 37	42	52	48	48	51	54	55 31	60	77	78 40	44.8
SCRANTON WB AIRPORT	MAX	31 10	21	25 6	29	39 23	36 31	41	43 18	38	46	46	43	45	42 32	40	37	41	43	48	48	41	53	50	49	52 31	55	57	61	76 38	78 51	55	45.5
SHIPPENSBURG	MAX	45 19	28	38 10	41	36 20	35 30	44	43 10	38 15	45 31	45 26	48	48	45 35	48	42	46	48	48	59 32	58	60	58	57	60	63	62	65	75 35	78 42	74	51.0
SLIPPERY ROCK	MAX	28	27	35 10	44	35 26	34 21	40	42 16	33 27	40	46	53	44	34 31	34	35 25	44	48	39	53	46	51 35	51	50	56 25	63	55 27	66	76 41	70	42	45.6
STATE COLLEGE	MAX	43	24	22	30	34	34	32	37 16	38	31	40	40	49	41	38	40	36	44	46	46	52	42	51 34	53	52	54 31	58	56 33	62	75 46	73	44.3
STOYSTOWN	MAX M1N	39	21	26	34	46	29	39	37	37	29	39	37 32	53	38	34	37	31	40	40	41 24	51	40	49	48	46	52	56	53	60	74	69	26.3
STROU0S8URG	MAX MlN	35	24	30	35	35	32 30	40	44	40	44	28 48 23	42	48	44	45	41		45		49		32 56				30 57						23.0 47.4 24.2
SUNBURY		44		27	33		37	34	45 12	46	45	50	46	50	47	46	46	41	51	52	52	51	43	58		57	59	61	63	65	77	79	49.3
TIONESTA 2 SE OAM	MAX	41		27	34		35 25	35	47	41	32		46	54	39 31	35	35	34	- 1	44	43	46		48	52		54	60	53	63	76	63	44.0
TITUSVILLE WATER WORKS	MAX	23			35	32 18	32	38	39	32	38	42	50	38	32 28	31	29	37	40	3.8	42	37	45	47	43	48	55	49	60	73	64	38	40.5
TOSYHANNA	MAX	37	18		26	31 14		36	38 13	31	44	45	40	41		39	34	37	37	44	44	41	47	45		47	50	51	56	69	71	67	41.9
TOWANDA 1 ESE	MAX			25	29		37	40	42	39	47	51	43	44	42	40	38	43	44	50	46	43	50	49	49	52	56	57	60	74	75	60	45.8
TOWER CITY 1 S	MAX		25	24	29	34	35	35	40	42	34		42	45	44	44	-	44	47	47	51			55	52	52		58	58	61	73	76	46.1
NWOTNOINU	MAX MIN		36	43	53	45	37	41	43	37	42	46	60	54	40	37		48		45	60	55	51	48	55	56 21	62	59	65	77	72	54	49.8
WARREN	MAX	27		30	35	40	35 30	40		37	46 29	47		42	38	36	33	41	44	45	43	41	45	50	46	50	56	52	64	77	61	42	44.0
WAYNESBURG 2 W	MAX	33	35		53	44	40	41	44	38	42	50 32	58	54	39	37	36	45		45	60	57	51	51	52	57	62	57	67	78	74	54	49.8
WELLSBORO 3 S	MAX MIN	38		15			31	27	35 11	36	29	41	38	43	37	41	36	32	37	38	42	40	36	42	43	42	46	50	52	56	71	69	39.1
WEST CHESTER		43	34	32	37	41	37	33	41	42	39	44	45	52	52	48	51	48	51	50	57	57	46	57	58	58	62	63	62	67	74	80	50.4
	HIN	23	8	8	13	22	26	20	24	24	29	29	33	25	33	32	29	29	28	29	38	37	33	34	29	33	35	36	37	41	48	52	30.1

Continued		7							D	AI	LY	T	EM	IPE	ER/	TA	UR	ES	•														A   A   1   1   2   2   3   3   3   3   3   3   3   3
Station																	Of Mo																90
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
WILLIAMSPORT WB AP		32 11	22	29 8	36 7	36 16	37 31	42 23	42	35 23	49	45	45	45	46 32	43	42 32	4 B 3 3	47	51 24	45 36	42 36	53	53	52 25	55 32	5 8 2 8	60 30	63	77	77 51	54	41.2
YORK 3 SSW PUMP STA	MAX	44	32	35	40	39	3.5	43	42	3.8	43	44	4.9	4.8	4.6	6.0	4.4		40	4.3													51.3

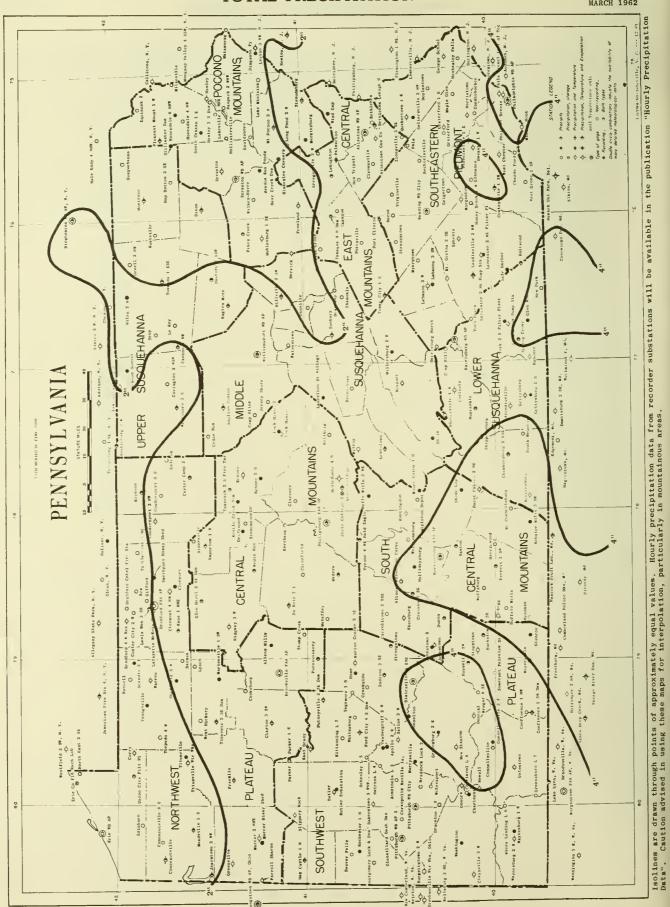
												DI				_	of mo													-	ARCI		_
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		Т	18	19	20	21	22	23	24	25	5 2	6 2	27 2	28	29	30	31
	SNOWFALL SN ON GNO	т	Т	т	Т	T T	3.3	3	т	1.0 T	;3	T	T T	т			Т						Т										_
AUSTINBURG 2 W	SNOWFALL SN ON GNO		1	1	1	1	2.0	6.0	7	5	.5	3	3	T 2	2.0	7 2	2	2	1	Т	Т	Т	T	Т	Т	١,		т	Т	Т	т	Т	
BRAOFORO FAA AIRPORT	SNOWFALL SN ON GNO	1 T 3	3	3	3	T 1	1.6	3	2	1.4	3	T 2	T 2	T 2	.6	.4	.3	T 3	2	T	1	T 1	1	1	1								Т
8RAOFORO 4 W RES	SNOWFALL	T 4	4	4	3	3	2.0	4	3	.6	T 2	2	1	.5	1	T 1	.5 1	1			-	-											2.5
BROOKVILLE FAA AIRPORT	SNOWFALL			-	٥	T	9.0	9		3.0	6	5	2	1.0	1.0	T 1	T 1	1	Т	Т													,
CANTON 1 NW	SN ON GNO SNOWFALL SN ON GNO	T 4	T 4	4	4	4	1.2	6.5	10	8	T 8	4	T 4	3	T 3	3	3	T 2	2	1	1	Т	т	Т	т								
CARLISLE :	SNOWFALL SN ON GNO	4	4	-	4		10.0		6	T 6	4	3	1																				
CARROLLTOWN 2 SSE	SNOWFALL SN ON GNO	T 1	1	1	Т	т	6.0	6.0	12		2.0		T 9	1.0	2.0	1.0	T 5	1.0	4	4	2.0	2	1.0	T 1	Т	1	r	т	т				
CORRY	SNOWFALL SN ON GNO	.3 1	1	1	1	1	1.5	1	т	.5 T	.5 T			1.5 T	1.2	i <sup>4</sup>	.5 1	T															
OONEGAL	SNOWFALL SN ON GNO	-	-	-	-	-	_	-	-	-	-	=	=	-	-	Ξ	Ξ;	-	-	-	Ξ	=	=	=	-			-	-	-	-	-	-
OU 8015 7 E	SNOWFALL SN ON GNO	1	1	1	1	1	7.0	2.0	6	.5	T 5	4	2	T 2	1.5	T 2	2	2	1	T 1	1	T	т		ı		İ						
ENGLISH CENTER	SNOWFALL SN ON GNO	- 3	- 3	3	- 3	3	- 8	-	7	- 6	- 8	- 6	- 4	- 3	_ 3	- 2	<del>-</del> 2	2	2	_ T	T	_ T	- T	_ T	- T		7	- T	- T	_ T	_ T	<del>-</del> Т	- т
ERIE W8 AIRPORT	SNOWFALL SN ON GNO WTR EOUIV	т				Т	Т	Т		.1	T T			Т	.8	T 1	.7 T	T	-							l							2.9
	SNOWFALL SN ON GNO	-	-	-	-	-	14.0	4.0	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1 -	۱	-	-	-	-	-	-	-
	SNOWFALL SN ON GNO						9.0	1.0	4	T 3	2.0	3	т		2.0	T	1.0	T T			Т					1	ı						
	SNOWFALL SN ON GNO	T 2	2	2	2	2	2.0	12.0 16	12	7	1.2	7	T 5	4	T 3	3	T 3	2	2	1	1	1			l		Ŋ,						
	SNOWFALL SN ON GNO						i 5	5.5	5	4	1.8	3	т														ľ						
	SNOWFALL SN ON GNO		l.				10.	06.5	3	2	1.2	Т						T									1			J			
	SNOWFALL SN ON GNO		1				12.	08.0 2 15	12	8	6	4	2	2	т	T																	
	SNOWFALL SN ON GNO WTR EQUIV					.3	8.8	7	4.9	1.5 3 .8	1.0	2	Т				Т										1						
	SNOWFALL SN ON GNO						1.5	5.0	3	2	1	Т																					
	SNOWFALL SN ON GNO	T	Т			1.0	6.0	6.0	6	4	48	2	т	T	.6 1	T	T	, 4 T			T				ı								
	SNOWFALL SN ON GNO	3	3	3	3	3	4	3.2	5	5	1.9	5	T 5	4	3	.3	4	4	4	4	T 3	3	2.0	3	.   :	3	2	1					Т
	SNOWFALL SN ON GNO						3.5	2	1										1					ŀ									
LAWRENCEVILLE 2 S	SNOWFALL SN ON GNO	1	Т	т	Т	Т	8.0	7	4	T 4	T 2	Т	Т	Т	Т	Т	T	Ť,	Т	т	Т			L	١								
LEWISTOWN	SNOWFALL SN ON GNO						1.5	4	3	2	1.5	Т										l.	1									Ì	
	SNOWFALL SN ON GNO	- T	т	т	Т	3.0 T	10.	0 T 13	12	1.0		11	8	T 4	4	3	T 3	T 3	1	1.2		Т	т	т		Т	Т	Т					
MATAMORAS	SNOWFALL SN ON GNO	2	2	2	2	2	3	3	2	2	1		1.0																				
MEAOVILLE 1 S	SNOWFALL SN ON GNO	† Ť	3 T	Т	Т	т	Ť	4 1.4	1	1	1.6	Т	т	T	2.5	1.7	2	2	Т	т	T	Т	Т	Т	r	т							1.
MEDIX RUN	SNOWFALL SN ON GNO	T 1	1	1	Т	Т	3.5	5 11.2		8	1.0	5	T 3	1	i	T	T	T	Т	Т	т	П	Т		1								
MONTROSE	SNOWFALL SN ON GNO	T 8	T 8	8	8	8	8		7	7	2.0	6	5	5 T	1.5	1.0	T 5	6	5	5	3	2	i	1 т	r	Т	Т	т	Ť	Т	Т	т	Т
NEWPORT	SNOWFALL SN ON GNO						2	6.5	4	4	=	3						1			H					Ŋ							
PHILAOELPHIA W8 AIRPORT	SNOWFALL SN ON GNO WTR EOUIV						6. T	8 4	2 .4	.2 T	2 T	2						Į.		ŀ	l				J	۱							
PHILIPSBURG FAA AIRPORT	SNOWFALL SN ON GNO	3	3		2	2	8	15	12	11	12	2 11	. 13	2 8	8	8	6	6	3	2	2				1	-	-	-	-	-	-	-	-
PITTSBURGH W8 AIRPORT 2	SNOWFALL SN ON GNO WTR EOUIV	T				9.	1		T 8	1.2	6	5 1.0	Т		5 .:	T T	.1 T	1 T		1.:	2												T
PLEASANT MOUNT 1 W	SNOWFALL SN ON GNO	10	0 1	0 1	.0 1	0 1	) T	0 T	9	9	1.5		1.0		1 . 1		. 9	2.0		1	0 8	8	1.9		В	7	7	5	4	2	1	1	1
READING W8 CITY	SNOWFALL SN ON GNO	Т	т	т			2 3. T		2	1 .5	2	2 7	т				Т	1	1				1									1	
SCRANTON W8 AIRPORT	SNOWFALL SN ON GNO WTR EOU!		Т	Т	т	T	Ť	5 T	Т	. e	1		Ť	7 .	1 T	-	.1	ı T	1		1	Т											

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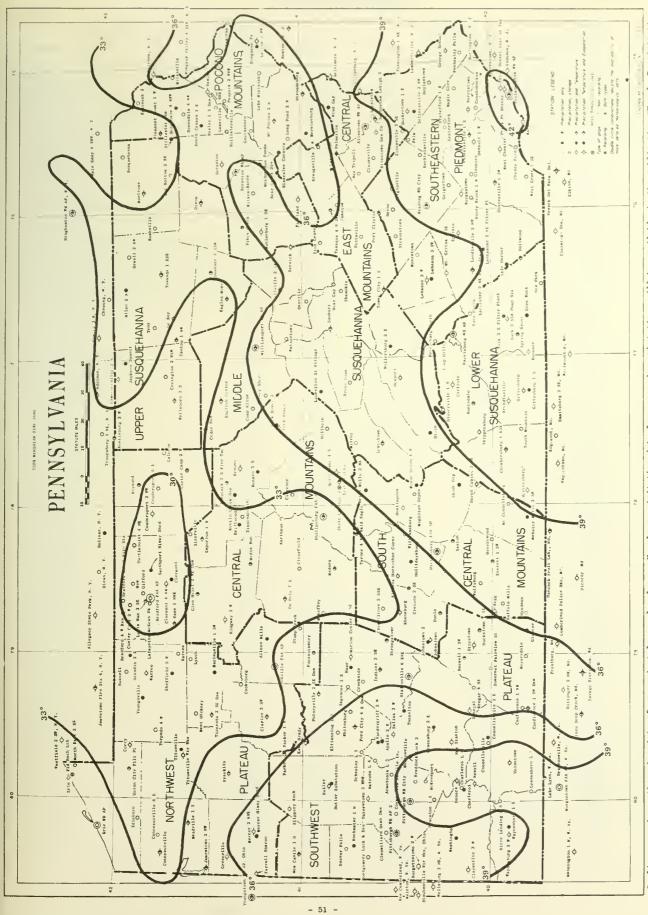
# SNOWFALL AND SNOW ON GROUND

MARCH 1962

Station																Day	of m	onth				-							-			
Station		1	2	3	-4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SHIPPENSBURG	SNOWFALL SN ON GND	Т	ī	T	ī	1	17.0	5.0	13		1.0		7	4	3	2	1 2	2	ī	ī	T	ī										
SLIPPERY ROCK	SNOWFALL SN ON GND						8.0	6.0	5	3	1.0	3	1			T	T	T			2.0											
TIONESTA 2 SE DAM	SNOWFALL SN ON GND	Т	T	Ŧ	Т	Т	4.0	3.5	4	2	2 2	1	ī	Ţ	1.5	1	ī	.5 i	т	T		T		T								T
TOWANDA 1 ESE	SNOWFALL SN ON GND	2	2	2	2	2	7 2	. 1	2	1	1.0	1	i 1		T	T		T														
TOWER CITY 1 S	SNOWFALL SN ON GND						2.0	3.0	2	1	1.0	1	7																			
WILLIAMSPORT W8 AIRPORT	SNOWFALL SN ON GND WTR EQUIV	Ţ	T	T	T	Т	5.5 1	4	3	1 .8	.1 2 .3	i <sup>3</sup>	1.8 T	Ŧ	T	T	Ŧ															



- 50 -



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

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STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION		LABLE A		OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	T	TABL	AND	ORSERVER
ACMETONIA LOCK 3 ALLENS MILLS ALLENTOWN WB AP ALLENTOWN GAS CO ALTOONA HORSESHOE CUPVE	0111	JEFFERSON LEHIGH LEHIGH	1 1 9 9	40 32 41 12 40 39 40 36	79 49 78 55 75 26 75 28	254	NID 7A	7A MID 7A	c	CORPS OF ENGINEERS CHARLES H. ALLEN U.S. WEATHER BUREAU LEHIGH VALLEY GAS DIV.	HUNTSDALE HYMDMAN INDIANA 3 SE JACKSON SUMMIT	4214	BEDFORD INDIANA TIDGA	15	40 06 39 49 60 36 41 57	77 18 78 44 79 07 77 01	610 960 1102 1690		8A 7A 7A	- C	METRO P. DOROSH DONALD LEMMAN
ALTOONA HORSESHOE CUPVE APOLLO 2 W ARENDTSVILLE AUSTINBURG 2 W BAKERSTOWN 3 WNW	0204 0229 0313	BLAIR WESTMORELAND ADAMS T10GA ALLEGMENY	6 7 15 15	40 30 40 35 39 55 42 00 40 39	78 29 79 36 77 18 77 32 79 59	1060	6P 8A 7A 3P	8A 7A 3P	Сн	EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO D. BACON PGM. CULT FLOWER CO.	JAMESTOWN 2 NW  JERSEY SHORE  JOHNSTOWN 2 KANE 1 NNE	4363 4385 4390	CRAWFORD LYCOMING CAMBRIA CAMBRIA NC KEAN	16	41 30	77 15 78 55 78 55 78 48	1050 541 1214 1275 1750	94	9A	c	PA. DEPT. FRST. + WTR GEORGE R. WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN
BARNES BEAR CREEK DAN BEAR GAP BEAVER FALLS	0409 0455 0457 0475	WARREN LUZERNE NORTHUMBLAND BEAVER SNYDER	9 15 2	41 40 41 07 40 50 40 46	79 02 75 44 76 30 80 19	1310 1505 900 760		7A 3P 7A	c	PGM. CUT FLOWER CO. CORPS OF ENGINEERS CORPS OF ENGINEERS ROARING CREEK WATER CO. HOWAPD R. KEMP	KARTHAUS  KEGG  KETTLE CREEK DAM  KITTANNING LOCK 7	4481 4545 4611	CLEARFIELD BEDFORD CLINTON ARMSTRONG	6	39 59 41 22 40 49	78 43 77 56 79 32	950	HID	8A 7A 4ID /AR	С	WILLIAM J. HOWE  PA. TURNPIKE COMM.  CORPS OF ENGINEERS  CORPS OF ENGINEERS
BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BERNE BERNE BERWICK	0488	CENTRE BERKS COLUMBIA	15 14 16 14	40 22 40 51 40 31	77 10 75 38 77 47 76 00 76 15	1110	8.8	7A 7A 8A 6 7A	3A	MARLIN R. ETTINGER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYD W. TRUMP AMER. CAR + FNDRY. CO.	LAKE MINISINK	4706 4727	WESTMORELAND CARBON MC KEAN PIKE	9	40 06 40 54 41 48 41 13 41 27	79 14 75 34 78 40 75 03 75 16	2530 720 2130 1360 1440		7.A 7.A 8.A		INACTIVE 12/59 CITY OF BETHLEHEM INACTIVE 12/59 MRS. IRENE FORENAN MRS. GLADYS REINEKE
BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS	0629 0634 0725 0736	NORTHAMPTON NORTHAMPTON PERRY INDIANA	9 9 15 4	40 37 40 36 40 20 40 27	75 23 75 23 77 31 79 09	240 450 750 2048	MID	8A MID	c	CITY OF BETHLEHEM LEHIGH UNIVERSITY  PA. DEPT. FRST. + WTRS.	LAKEVILLE I NNF LANCASTER 2 NE PUNP STA LANCASTER 2 NE FILT PL LANOISVILLE 2 NU LAURELTON STATE VILLAGE LAWRENCEVILLE 2 S	4763	LANCASTEP	15	40 03 40 03	76 17 76 17 76 26 77 13 77 07	255 270 360 880	8.8	6P	BA CG	H LANCASTER WATER BUR- LANCASTER WATER BUR- RA- STATE COLLEGE PA- DEPT- OF WEIFARE
BLOSERVILLE 1 N BOSWELL 1 SW BRADDOCK LOCK 2	0763 0821	MONROE CUMBERLAND SOMER SET ALLEGHENY	15	40 09	75 36 77 22 79 02 79 52 78 38	650 1810	A8	8A 7A 7A	С	WALTER WILDRICK NRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORPS OF ENGINEERS	LEBANON 3 W LEBANON 3 SW LEMIGHTON	4891 4896 4934	TIOGA LEBANON LEBANON CARBON BRADFORD	15	40 20 40 19 40 50	77 07 76 29 76 28 75 43 76 43	1000 460 490 580	7.A	6P 7A	c	H HARRY P. HOWLAND LEON MILLER THOMAS DONNACHIE GOODWIN S. DEFREHN
BRADFORD 4 W RES BREEZEWOOD BROOKVILLE FAA AIRPORT	0868 0905	MC KEAN NC KEAN MC KEAN BEOFORD JEFFERSON	1 1 6	41 09	78 38 78 39 78 44 78 14 79 06	1680 1352	5P	5P NIO HID	н	FED. AYIATION AGENCY BRADFORD FIRE DEPT. BRADFORD WATER DEPT. PA. TURNPIKE COMM. FED. AYIATION AGENCY	LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN 2	4984 4992 5104	MC KEAN MIFFLIN CLINTON	16	41 41 41 50 40 3* 41 08	78 39 77 35 77 27 77 27	1040 1740 480 680	7A 7A	8A 7A 7A 7A	00	LEAMON M. BAUMAN RUSSELL LINEMAN MERICAN VISCOSE CO. JOMN P. FREY HUGH F. PARKER
BRUCETON 1 5 BUFFALO MILLS BUFFALO MILLS BURGETTSTOWN 2 W BURNT CARINS 2 NE	1073 1087 1105	ALLEGHENY SOMERSET BEDEORD WASHINGTON HUNTINGDON	10 4 6 11	39 57 40 23	79 59 78 50 78 39 80 26	1065 2460 1318 980	7A 5P	7A 8A 7A 5R	c	AUSTIN R. COOPER ALVIN W. MANGES CLIFFORD C. ADANS SNITH TWR. MUN. AUTH.	LONG POND 2 W LYNCH MADERA MAHAFFEY	5160 5275 5336 5342	MONROE FOREST CLEARFIELD CLEARFIELD	9 1 16 16	41 03 41 36 40 50 40 53	75 30 79 03 78 26 78 44	1860 1295 1460 1280	7A	7A 7A 7A 7A	c	THOMAS NECKES CORPS OF ENGINEERS MRS. JULIA J. SHOFF MISS ELLEN J. MILES
BUTLER BUTLER SUBSTATION FAMP HILL FAMP KLINE	1130 1135 1198 1203	BUTLER BUTLER CUMBERLAND LYCONING	2 2 15 16		79 54 79 53 76 55 77 20	1100 1140 460 590	8A	8A 6P 7A	c	PA. TURNPIKE CONM. POGER CLARK WEST PENN POWER CO. JOSEPH N. HOBART LESLIE D. COWLING	MAPLE GLEN MARLETON DEPOT MAPGUS HOOK MAPIENVILLE 1 SW MARION CFNTER 2 SE	5381 5390 5400	NONTGOMERY HUNTINGDON DELAWARE FOREST INDIANA	5	40 11 40 24 39 49 41 27 40 45	75 11 77 56 75 25 79 09 79 02	1700	MID		c	FRANCES E+ SCHEIBNEF MRS. I+ S+ BUCHANAN SUN OIL CO+ ROY A+ MARKER CORPS OF ENGINEERS
ANTON 1 NW ARLISLE APPOLLTOWN 2 SSE ARTER CAMP 2 W EGOAR RUN	1234 1255 1262	BPADFORD CUMBERLAND CANBRIA POTTER LYCOMING	16	41 40 40 13 40 35 41 37 41 31	76 52 77 12 78 42 77 45 77 27	1520 465 2040 2030 800	7A 6P	7A 6R 8A 7A 7A	IC H	MRS.MILDRED SRENCER CARROLL G. MILLER ROBERT F. MAURER RICHARD L. MENKEN KATHRYN T. KREIGHBAUM	MAPTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT MEADOW RUN PONOS	5470 5526 5573	BLAIR PIKE FULTON ALLEGMENY LUZERNE	12	60 18 41 22 39 56 40 21 41 13	78 19 74 42 78 00 79 52 75 40	1463 439 895 720 1995	M10	7A 8A 8A	c	H FED. AVIATION AGENCE H HARRY BISLAND MRS. HELEN M. SHIVE: NATIONAL TUBE CO. GEORGE PEARAGE
MADDS FORO MANBERSBURG 1 ESE MAPLEROI MARLEROI LOCK 4 LARENCE	1354 1372 1377	DELAWARE FPANKLIN WASHINGTON WESTMORELAND CENTRE	5 12 10 10	40 08	75 37 77 38 79 55 79 54 77 56	749	9P	7A 9P 7A 7A	C	E. EARL TOUCHTON CHARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS MISS VELOA SWANCER	MEADVILLE 1 S MEDIX RUN NERCER 2 NNE MERCER HIWAY SMED MERCERSBURG	5627 5651 5654	CRAWFORD ELK MERCER MERCER FRANKLIN		41 14 H	80 10 78 24 80 13 80 15 77 54	1065 1100 1160 1250 615	7P	8A 7A 7A	CCC	H CITY OF MEADVILLE M MRS.E. M. SNYDER NRS. FRAN. STRUTHER PA. DEPT. HIGHWAYS ROLLIN P. GILBERT
LARION 3 SW LAUSSVILLE LAYSVILLE 3 W LEARFIFLD LEERMONT	1485 1505 1512 1519	CLARION LEMIGH WASHINGTON CLFARFIELO MC KEAN	1 9 11 16	41 12 40 37 40 07 41 01	79 26 75 39 80 28 78 26	1114 670 1000 1100	8P 7P	7A 8A 7A 7A	С	PA. ELECTRIC CO. WILLIAM J. DOTTERER MFGRS. L. + M. CO. IRA TAYLOR	MERWINSBURG MEYERSDALE MILAN 2 N MILANVILLE	5676 5684 5731 5738	MONROE SCMERSET BRADFORD WAYNE	9 17 15 5	40 58 39 49 41 56 41 40	75 28 79 01 76 31 75 04	985 2100 770 760		7A 8A	c	ARTHUR A. SHITH PAUL E. FULLER CHARLES E. STROUD CHARLES W. DAVIS
LERMONT 4 NW OATESVILLE 1 SW ONFLUENCE 1 SW OAM ONFLUENCE 1 NW	1534 1589 1705 1710	NC KEAN CHESTER SOMERSET FAYETTE	1 5 17 17	39 50	78 30 78 32 75 50 79 22 79 22	1620	5P 8A 8A	7A 8A 8A 8	C C	MRS. TILLIE M. SIMONDS  MRS. TILLIE M. SIMONDS  PHILA. ELECTRIC CO.  CORPS OF ENGINEERS  JOHN L. REID	MILLERSBURG 2 E  MILLHEIN  MILLVILLE 2 SW  MILROY  NONTGOMERY LOCK AND DAM  NONTROSE	5790 5817	CENTRE COLUMBIA MIFFLIN BEAVER	15 15 6	40 32 40 53 41 06 40 43 40 39	76 56 77 29 76 34 77 35 80 23	1079 860 770	7.A	7A 7A 8A 7A	C .	RUSSELL SMEPLEY  NEVIN E. BOWERSOX  KENNETH LEIGHDW  THOMAS C. HARBESON  CORPS OF ENGINEERS
ONNEAUTVILLE ONNEAUTVILLE 6 E ONNFLLSVILLE ONNELLSVILLE 2 E ONSHONDOCKEN	1721 1723 1729	CRAWFORD CRAWFORD FAYETTE FAYETTE MONTGONERY	1 17 17	41 46 40 01 40 01 40 04	80 22 80 15 79 36 79 33 75 19	1110 870 1300 70	9.4	9A 8A 8A	c	S- CARLYLE SMELDON  MRS. PALLA J. TAUTIN  MARSHALL B. MENEFEE  MARRY C. JOY  PHILA. FLECTRIC CO.	MORGANTOWN	5956 6028 6067	BERKS LANCASTER MIFFLIN LUZERNE	15	41 50 40 09 40 14 40 24	80 23 75 52 75 54 76 26 77 53 76 08	692 1560 595 670 A20	MID	7A 4ID 4ID	,c	PALPH TAYLOR  PA. TURNPIKE COMM.  PA. TURNPIKE COMM.  MT. UNION WATER WORL  INACTIVE 2/60
OOKSBURG ORAOPOLIS NEVILLE IS ORRY OUDERSPORT 3 NW	1749 1773 1790 1806	CLARION ALLEGHENY ERIF POTTER	11 11 1	40 30 41 55 41 49	79 13 80 05 79 39 78 03	720 1440 2020	6P 7P	8A 6P 8A	н	PHILA. ELECTRIC CO. PA. DEPT. FRST. + WTRS. PGH. COKE + CHEM. CO. RICHARD T. MOUNTAIN MISS ELIZABETH NEFF MRS. HEMRIETTA D DEITER	MURPYSVILLE  MYERSTOWN NATRONA LOCK 4 NEFFS MILLS 3 NE NESMAMINY FALLS	6126 6151 6174	LEBANON ALLEGHENY HUNTINGDON	14 6	40 37	79 42 76 18 79 43 77 55	900 480 800 900		8 A 7 A		DAVID C. SHAW  MRS.KATHLEEN WANDEL CORPS OF ENGINEERS PA. STATE UNIVERSIT
OUDERSPOPT 6 E OVINGTON 2 WSW  REEKSIDE RESSON 2 SE USTER CITY 2 W	1833 1881 1895	POTTER TIDGA INDIANA CAMBRIA MC KEAN	16 15	41 46 41 44 40 41 40 27 41 55	77 53 77 07 79 12 78 34 78 41	2425 1745 1035 2540 2120		7A 7A	c	MRS. HENRIETTA D DEITER CALVIN R. PACKARD  CORPS OF ENGINEERS FPED A. PLENPEL INACTIVE 12/59	NESMAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWPORT	6233	BUCKS LAWRENCE FAYETTE YORK PERRY	2 10	40 09 41 01 40 05 39 44 40 29	74 57 80 22 79 54 76 30 77 08	825 805 780 400	5P	MS I	lc	RMILA. SUB. WATER. LEWIS W. HAMILTON GENERAL CHEMICAL CO CLINTON J. ALLEN H MRS. FRANCES K. FRY
ANVILLE EVAULT 1 W INGNANS FERRY	2116	MONTOUR	5	40 58 40 05 41 13 41 32	76 37 75 33 74 52 75 57 79 23	460 360	MED A	7A	c	MRS. MARIE H. LITTLE RA. TURNPIKE COMM.  TMOMAS A. HOTALEN HAROLD J. KUSCHEL	NEW STANTON NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE	6310 6326 6370 6396	WESTMORELAND LEMIGH MONTGOMERY ERIF	14 14 8	40 13 40 41 40 07 42 12	79 36 75 45 75 21 79 49	980 570 75 1060	MID	6P 6P 8A 9A		PA. TURNPIKE COMM. FRED C. OSWALD  BOROUGH OF NORRISTO FILSWORTH WEAVER
ONORA OYLESTOWN	2190 2221	WASHINGTON BUCKS CAMERON	17 10 5		79 23 79 52 75 08 78 08 78 38	1746 900 393 880 1670	5P	5P 5P	Сн	PA. TURNPIKE COMM. THEODORE F. NATHUES GEORGF HART SIDNEY KENNEDY CITY OF DU BOIS	ORWELL 2 NW PALM PALMERTON RARKER PARKER 1 E	6681	BPADFORD NONTGOMERY CARBON ARMSTRONG CLARION	14 9	40 26 40 48	76 18 75 32 75 37 79 41 79 40	1340 385 435 1140	MID	8A 41D 7A	c	ELMER T. MOORE FRED C. ESCMBACH NEW JERSEY ZINC CO. LOUIS A. MALARKEY
UNLO USMORE 2 SSW AGLES MERE AST BRADY	2298 2325 2343 2363	CANBRIA SULLIVAN SULLIVAN CLARION	16	40 17 41 29 41 24 40 59	78 43 76 25 76 35 79 37	2410 1910 2020 820	7A 5P	8A 7A 5P	000	NRS. D. L. WMITE ROBERT J. OBERT FRANCIS B. HANLEY A. B. KENPEL	PAUPACK 2 WNW PHIL DRFXEL INST OF TEC PHILADELPHIA W8 AP PHILADELPHIA PT BREEZE	6762 6879 6889	PIKE PHILADELPHIA PHILADELPHIA	5	41 06 41 24 39 57 39 53	75 14 75 11 75 15 75 12	1360 30 7	MID HID	410 410	(	P. M. NEELY MISS L. VETTERLEIN FRANCIS K. DAVIS. J HJ U.S. WEATMER BUREAU ATLANTIC REFINING C
DINBORO MPORIUM 1 N	2635 2644	CAMBRIA ERIE CAMERON LYCOMING	1 16 16 16	40 29 41 52 41 32 41 26	78 43 80 08 78 14 77 17	2090 1220 1560 880	8A 7A	7A 8A 8A 7A	Сн	ROBERT A. WASSER EDINBORD ST. TCHR. COL. MRS. TALLIE M. BPITTON WILLIAM SUDERS STANLEY L. VON NEIDA	PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2  PITTSBURGH WB CITY	6927 6939 6993	CENTRE CHESTER LUZERNE ALLEGHENY	15	1 18	78 05 75 30 76 08 80 13	1918 105 1320 1151	MID I	410 7A 410	C	H FED. AVIATION AGENC PHILA. SUB. WATER C HARRY SHELDON HJ U.S. WEATHER BUREAU U.S. WEATHER BUREAU
OUINUNK 2 RIE CO FIELD RSCH LAB RIE WB AIRPORT VERETT 1 SW	2671 2673 2682 2721	WAYNE ERIE ERIF BEDFORD	5 8 8 6	41 51 42 13 42 05 40 00	75 13 79 51 80 12 78 23	910 740 732 1020	H D H	7A 4ID 8A	C MJ	MRS. HENRIETTA MURRY FIELD RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIKE COMM.	PLEASANT MOUNT I W PORT CLINTON POTTSVILLE PUNXSUTAWNEY	7029 7116 7161 7217	SCHUYLKILL SCHUYLKILL JEFFERSON	5 14 14 1	10 57	80 00 75 27 76 02 76 11 79 00	1800 450 690 1300	BA   7A	8.8	000	WILLIAM POLIVKA MRS. ADA E. RARICK LLOYD E. WELLER CARL E. ROTOLO
ARRELL SHARON ORD CITY 4 S DAM RANKLIN REELAND ALETON	2942 3028 3056	MERCER ARNSTRONG VENANGO LUZERNE POTTER	1	41 14 40 43 41 23 41 01 41 44	80 30 79 30 79 49 75 54 77 38	855 950 987 1900 1365	7P		A C H	SMARON STEEL CORP. CORPS OF ENGINEERS JAMES A. RHOADS ANDREW B. EVANSHA STANLEY G. LUSH	PUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYMOND READING WB CITY RENOVO	7239 7310 7318	ARMSTRONG BUCKS POTTER BERKS CLINTON	5 4	0 20	79 17 75 20 77 52 75 58 77 45	2220	5P M10 /	8A 7A 7A 1D 7A	CCC	CORRS OF ENGINEERS DENNIS K. FLUCK WRS. RACHEL LANGAN HJ U.S. WFATHER BUREAU ELNER G. BATSCHELET
EIGERTOWN EORGE SCHOOL ETTYSBURG ETTYSBURG 1 S IFFORD	3200 3218 3223	BERKS BUCKS ADAMS ADAMS MC KEAN	5	40 13 40 13 39 50 39 48 41 51	75 50 74 56 77 14 77 14 78 36	400 135 540 530 2220	8A	8A 8A 9A	С	WALTER C. WOLF GEORGE N. HART HUGH C. MC LIMENNY NATIONAL NILITARY PARK INACTIVE 12759	RENOVO 5 S REW RICES LANDING L 6 RIDGWAY 3 W ROCHESTER 1 N	7425 7443 7477	CLINTON MC KEAN GREENE ELK BEAVER	10	1 54	77 46 78 32 80 00 78 47 80 18	2035 2250 775 1420 900	5₽	8A 7A 5P	С	C. F. BILLETTE EOWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIGGMAY DEQUESNE LIGHT CO.
LENMOORE LEN ROCK	32 96 3311 3321 3330	SOMERSET ELK CHESTER	1 5 15	39 49 41 34 40 06 39 48 40 33	78 51 78 36 75 47 76 44	1620 1725 440 620 705		8 A 7 A	c c	MRS. MARY N. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER HRS. E. C. MC WILLIAMS CORPS OF ENGINEERS	RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 W	7727 7729 7732 7739	SUSOUEHANNA WARREN LANCASTER INDIANA WESTHORELAND	15 1 15 1	41 47 41 56 39 55 40 46	76 07 79 08 76 23 79 14	870 1240 270 1320	6P	7A 8A 7A 6P	c	CARL KOPATZ HOWARD C. JONES S.M. WATER POWER CO CORPS OF ENGINEERS MUN. AUTM. WSTHRLD.
OULDSBORO RATERFORD RATERFORD 1 E REENSBORO LOCK 7	3394 3435 3437 3503	WAYNE NONTGONERY NONTGOMERY GREENE	9 14 14 10	41 15 40 14 40 14 39 47	80 13 75 27 75 27 75 26 79 55	1 890 155 240 808		7A 7A 7A 7A 7A	н	CANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST CORPS OF ENGINEERS	SAXTON SCANDIA 2 E SCHENLEY LOCK 5	7846 7855 7863 7902	BEDFORD WARREN ARMSTRONG LACKAWANNA	6 4	0 31 0 12 1 55 0 41 1 25	79 33 78 15 79 01 79 40 75 40	780 2040 783 746	7A	8A FAR 7A	CC	MRS. ALVERTA L. HOL DAVID R. ANDERSON CORPS OF ENGINEERS U.S. POST OFFICE
REENSBURG 2 E REENVILLE ANOVER ARRISBURG WB AP	3526 3662 3699	HERCER YORK	10 2 15 15	40 18 41 24 39 48 40 13 40 18		1026	MID M	6P 8A	C HJ	PA- DEPT- HIGHWAYS  C. EARL HILLER HANDVER EVENING SUN U-S- WEATHER BUREAU	SCRANTON WB AIRPORT  SELLERSVILLE 2 NW SHADE GAP 2 NE SHANDKIN SHEFFIELD 5 W	7905 7938 7965 7978	BUCKS HUNTINGDON NORTHUMBLAND WARREN	15 4 6 4 15 4	10 23 10 12 10 48 11 42	75 44 75 20 77 52 76 33 79 08	940 530 920 770 1920	'MID'	BA.	0	HJ U.S. WEATHER BUREAU SELLERSVILLE WATER HRS. HELEN H. PYLE ROARING CREEK WATER WILBUR R. NORDIN
AWLEY 1 S DAN OLLIDAYSBURG OLLISTERVILLE	3758 3761 4001 4008	WAYNE WAYNE BLAIR WAYNE	15 5 6 5	41 29 41 28 40 26 41 23	75 10 75 11 78 24 75 26	1200 960 1360	7A	7A 8A	C	GEORGE S. BEAL NRS. KATHERINE BATES  PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO. PA. POWER + LIGHT CO.	SHIPPENSBURG SINNEMAHONING SIZERVILLE SLIPPERY ROCK	8073 8145 8155 8184	FRANKLIN CAMERON CAMERON BUTLER	15 4 16 4 16 4 2 4	1 19 1 36 1 04	77 32 78 05 78 11 80 03	709 790 1230 1345		4P 7A 7A 7A		MRS. FRANCES CALDWE MRS. AGNES LION HRS. AGNES LION H RAYMOND E. MILLER
OLTWOOD OME ONESDALE 4 NW ONESDALE 6 NNW	4019 4027 4043 4044	LANCASTER INDIANA WAYNE WAYNE	15 1 5 5	39 50 40 45 41 37 41 39	76 20 79 06 75 19 75 17	187 1220 1410 1050	MID	9A	CH	PA- POWER + LIGHT CO- MRS- EDNA M- BUSH GEORGE C- WILLIAMS FRIEND E- WALTER S- M- KURTZ	SOMERSET FAIRVIEW ST SOUTH CANAAN 1 NE	8190 8244 8275	MC KEAN SONERSET WAYNE FRANKLIN YORK	17 4	0 01	78 27 79 05 75 24 77 30 76 52	1510 2140 1400 1520 470		7A 7A	c	PA- DEPT- HIGHWAYS MOWARD G. PECK EUGENE M. COOK PA- DEPT- OF MEALTH P. M. GLATFELTER CO.
OP BOTTOM 2 SE	4047	CHESTER SUSOUEHANNA HUNTINGDON	5 15 6	40 06 41 43 40 29	75 56 75 43 78 01	700 900 640		7A 7A 7A		S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GLENGER	# STATE COLLEGE	8449	YORK CENTRE CENTRE	15 16 16 4	0 48	76 52 77 52 77 52	470 1175 1180	7A	8 A 7 A	C	P. H. GLATFELTER CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY

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STATION	INDEX NO.	COUNTY	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION		TAB			OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE ;	LATITUDE	LONGITUDE	ELEVATION		TABLE	E8	OBSERVER
STILLWATER DAM STOVSTOWN STRAUSSTOWN STROUDSRURG	8560 8570 5589	SUSQUEHANNA SOMERSET RERKS INDIANA MONROE	A 14	41 41 40 06 40 29 40 33 40 39	74 29 78 57 76 11 78 55 74 12	1800		8.A	C		CORPS OF ENGINEERS VERNON MONO JACOB KLAMR HARRY F. BENNETT WILLIAM HAOERTY	WEST MICKORY WHITESBURO WILKES-BARRE WILLIAMSBURG WILLIAMSRORT WB AP	9655 9702 9714	FOREST ARMSTRONG LAZERNE BLAIR LYCOMINO	15	A1 14 40 A5 A1 15 40 28 41 15	79 25 79 24 75 52 78 12	1530 610 860		8 A 7 A 7 A 7 A	000	MRS. MELEN F. FINNEAR CORPS OF ENGINEERS MRS. MARY O. MIRMAF MYRON F. BIDDLE U.S. WEXTHER BUREAU
STUMP CREEK SUNBURY SUSQUEMANNA TANAQUA TANAQUA A N DAM	8668 8692 8758	JEFFERSON NORTHUMBLAND SUSOUEMANNA SCHUYLKILL SCHUYLKILL	15		78 50 76 A7 75 36 75 58 75 59	1020 830		7A 7A 7A 8A 7A	С		CORPS OF ENGINEERS CMARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS RANTMER VALLEY WIR. CO.	WIND GAP WOLFSBURG YORK 3 SSW RUMP STA YORK 2 S FILTER PLANT YORK HAVEN		YORK	5 6 15 15	A0 51 40 03 39 55 39 56 A0 07	75 18 78 32 76 A5 76 AA 76 A3	765 1190 390 640	50	7A	c	MR5. MARY D. MOELZEL MATTER C. RICE YORK WATER COMPANY YORK WATER COMPANY METROPOLITAN EDISON CO.
TAMARACK 2 S FIRE TWR TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE WATER WORKS TORYMANNA	8885 5886	CLINTON FOREST CRAWFORD CRAWFORD MONROE	1 1 1	41 29 41 38 A1 38	77 51 79 28 79 A0 79 A2 75 25	1200 1550 1220	70	7R	c	н	MRS. FRANCES SWART2 CORPS OF ENGINEERS RA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRADY	YOUNGSVILLE ZION GROVE ZIONSVILLE 3 SE	9966	WARREN SCHUYLKILL LEMIGH	1 15	41 51 40 1A	79 19 76 13 75 27	1229 9A0		7A'	c	MENRY CARLETY JAMES D. TEETER LESLIE HOWATT
TORPEDO 6 W TOWANDA 1 ESE TOWER CITY & S TROY TUNNELTON	8903 8912 8949	WARREN BRADFORD SCHUYLKILL BRADFORD INDIANA	15 15 15	A1 47 41 44 A0 3A 41 A7 40 27		749 790 1100		7A 7A 7A 7A		н	MRS. LILY B. GARRER LEVERN ROOT JOMN MURRY. JR. JENNIE L. BALLARD MRS. MARY E. WEIMER											
TURTLEPOINT A NE TYPONE 4 NE BALD EAGLE UNION CITY FILT PLANT UNIONTOWN VANDERGRIFT	9024 9042 9050	MC KEAN BLAIR ERIE FAYETTE WESTMORELAND	6 1 10	A1 94 40 A3 41 55 39 54 40 36	78 16 78 12 79 A8 79 A4 79 33	1020 1400 1040		7A 7A 7A 6P 7A	C	1	ROBERT D. STRAIT FREOERICK L. FRIDAY HAROLD W. HAMMOND HM. W. MARSTELLER JUNITED ENG. + FNDRY.CO.											
VIRGINVILLE WARREN WASHINGTON WATSONTOWN WAYNESBURG 2 W	9298 9312 9345	NOR 7MUHBLANO	11116	A0 31 41 51 40 11 A1 05 39 54	74 52 79 08 80 14 76 52 80 13	490	7P	90	c		MRS. MARY M. WRIGHT SILBERT M. RETER PA. DEPT. MIGHWAYS VILLIAM BIRD VALUE 8. GREENLEE											
WAYNESBURG 1 E WEBSTER MILLS 3 SW WELLSBORD 3 S WEST CHESTER WEST GROVE 1 SE	9380 9408 9A64	GREENE FULTON 710GA CHESTER CHESTER	10	39 54 39 49 41 A3 39 58 39 48	80 10 78 05 77 16 75 36 75 48	440	8.4		COC	N .	SEWAGE DISPOSAL PLANT FILLIAM D. COVER FARTON L. SHUMWAY SAILY LOCAL NEWS CONARD-RYLE CO.											

<sup>1</sup> T-ALLEGHENY, 2-BEAVER, 3- A-COMEMAUCH, 5-DELAWARE; 6-JUNIATA, 7-KISKIMINETAS, 8-LAKE ERIE, 9-LEHIGH, 10-MONOGAHELA, 11-OHIO, 12-POTOMAC, 13-LAKE ONTARIO, 14-SCHUYLKILL, 15-SUSQUEMANNA, 16-MEST BRANCH, 17-YOUGHIOOSHEY

#### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrishurg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this hulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown hy footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals hased on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Tahle and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Tahle.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

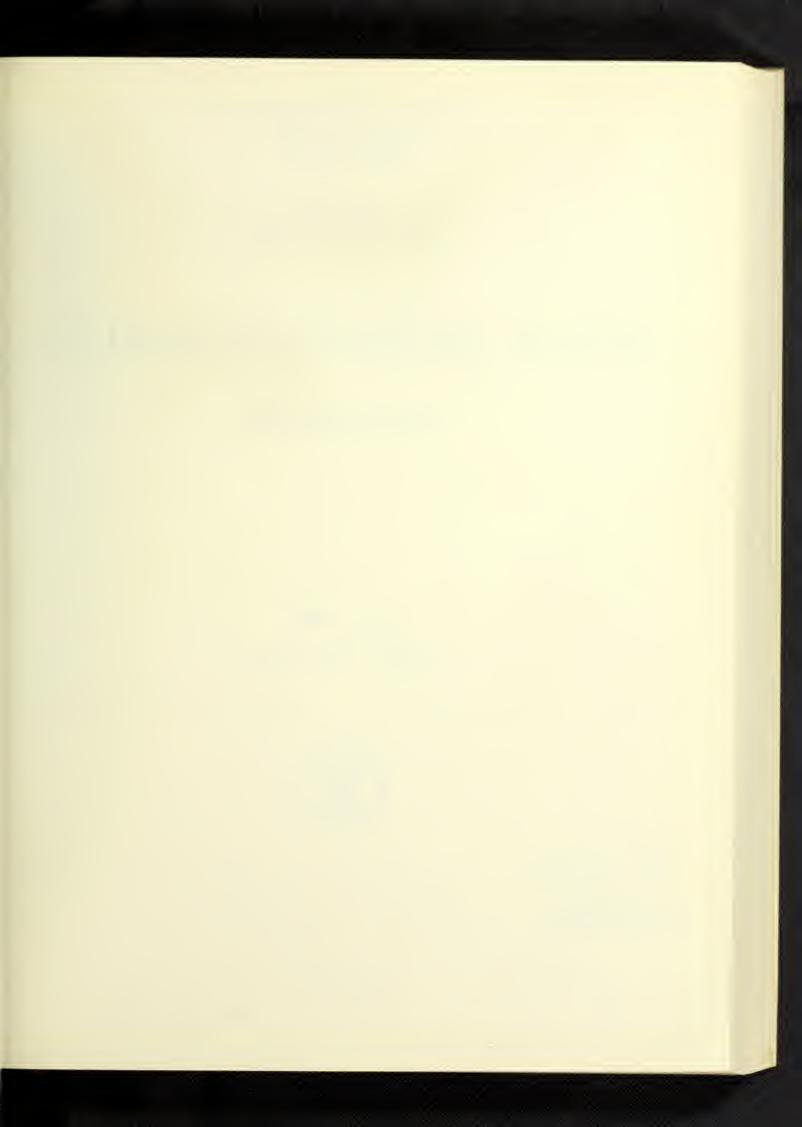
- No record in the "Supplemental Data" Tahle; "Daily Precipitation" Tahle; "Evaporation and Wind" Tahle; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a sbelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to he published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- $\ensuremath{\text{X}}$  Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may he obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may he found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should he made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asbeville, N. C. --- 5/3/62 --- 1075





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# U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

# **PENNSYLVANIA**

APRIL 1962 Volume 67 No. 4



JUN 22 1962
JUN 29 1962
DUNE PRITY OF HUMAIS

### PENNSYLVANIA - APRIL 1962

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature:  $92^{\circ}$  on the 28th at Huntingdon and on the 26th at Farrell Sharon

Lowest Temperature: 9° on the 3rd at Bradford 4 W Res

Greatest Total Precipitation: 6.51 inches at Johnstown

Least Total Precipitation: 1.61 inches at Kegg

Greatest One-Day Precipitation: 2.18 inches on the 1st at Dixon

Greatest Reported Total Snowfall: 16.5 inches at Rew

Greatest Reported Depth of Snow on Ground: 10 inches on the 2nd at Torpedo 4  $\mbox{W}$ 

# CLIMATOLOGICAL DATA

PENNSYLVANIA APRIL 1962

	)			Tem	perat	ure			-							Preci	pitation					
Station	-			lot				Į	Doys	Mo	x.	Min.		lom.	Doy		Sno	w, Sleet		ove 7	o. of	Days
	Averoge	Average	Average	Deporture From Non	Highest	Dote	Lowest	Dote	0	90° er Abere	Bolow 32° or	Below Below	Totol	Departure From Non	Greatest	Dote	Total	Mox. Dep	Dote	.10 or Mc	50 or Mc	1.00 or M
POCONO MOUNTAINS																						
FREELAND HAWLEY PLEASANT MOUNT 1 W SCRANTON SCRANTON WB AIRPORT	57.7 58.8 53.5 59.2 59.3	36.6 33.3 31.8 36.4 38.6	47.2 46.1 42.7 47.8 49.0	I.4 7 1.6	89 84 91	28+ 28 28 28 27	20 17 16 20 22	18 4 4 4 4	532 575 670 531 508	0 0 0 1 0	0 1 0 1 0 1 0 1	6 0 7 0 9 0	2.79 5.51 3.71 2.59	79 1.42 .28 68	.68 .83 1.63 1.30	8 1 1 1 1 1 1	7.1 .3 3.0	T 6 0	13 14 16+	9 10 10 7	5	0 0 1 1
STROUDSBURG TOBYHANNA	61.0	33.6 33.1	47.3 44.7	- 1.4		27	15 15	4	538 607	0	0 1		3.77 3.05	38 - 1.29	1.35	7 7	2.0	0 2	13	8		1
OIVISION			46.4	•1									3.57	33			2 • 6					
EAST CENTRAL MOUNTAINS																						
ALLENTOWN WB AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON	61.8 62.1 58.2 61.1 61.1	38.8 39.8 44.1 37.0 32.6	50.3 51.0 51.2 49.1 46.9	1.0 1.0 3 .1 - 2.1	89 90 84 89 89	27 28 29 27 28	24 24 33 19 15	4 4 13 4	454 446 435 489 551	0 0 0	0		3.97 3.72 2.16 3.66 3.98	21 02 - 1.47 17 13	1.21 1.20 .90 1.06 1.00	1 6 7 7	T T T	0 0 T 0	16	7 7 4 9 8	3	
DIVISION			49.7	•6									3.50	35	4		T					
SOUTHEASTERN PIEDMONT	63.5	40.0	61 0	, ,	0.0	27	2.3		1.20		0	4		0.5	1 20	,				8	4	1
COATESVILLE 1 SW DEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORD 1 E	63.5 63.1 62.5 62.0 61.7	40 • 2 38 • 9 42 • 0 39 • 6 38 • 9	51.9 51.0 52.3 50.8 50.3	- •2	89 89 87 87 89	27 27 26 28 29	21 24 25 22 21	5+ 4 4	428 441 408 440 464	00000	0 0 0	6 0 9 0 5 0 6 0 7 0	4.44 4.81 3.22 4.53 3.75	19 .89	1.24 1.30 1.51 1.20	1 1 1 1 1 1	• 0 T T T	0 0 0 0		7 7	5 2 3	1 2 1 2
HOLTWOOO LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LEBANON 3 W MARCUS HOOK	61.3 65.3 60.9 61.2 62.3	41.6 37.3 39.0 41.7 44.9	51.5 51.3 50.0 51.5 53.6	6 3 - 1.1 - 1.0	85 90 87 88 88	26 26 28 28 26	28 21 21 26 32	4 4 4 17 17	415 421 472 441 358	0 0 0 0	0 1	4 0 0 0 7 0 5 0 1 0	4.40 4.15 3.68 2.78 3.65	1.31 .55 87 .01	1.46 1.37 .82 .69 1.08	1 1 8 7 1	T T • 0 • 0	0 0 0		8 8 10 9 7	3 3 2	0
MORGANTOWN MT GRETNA 2 SE NORRISTOWN PHIL OREXEL INST OF TEC PHILAGELPHIA WB AP R	62.3 62.0 63.6 62.7 62.4	39.5 37.8 42.1 44.5 41.5	50.9 49.9 52.9 53.6 52.0	• 0		27+ 28+ 27+ 27+ 26	22 24 27 32 27	17+ 4 17 17	436 472 394 367 408	0 0 0 0	0 1 0 0	7 0 0 0 4 0 1 0 2 0	3.76 3.48 4.40 4.31 3.69	.29	1.60 1.03 1.60 1.33 1.16	1 7 1 1 7	T T • O T T	T 0 0 0 0 0	15	6 8 6 9 7	3 3	1 1 2 2 2
PHILAGELPHIA PT BREEZE PHOENIXVILLE 1 E QUAKERTOWN 1 E READING WB CITY R WEST CHESTER	62.5 59.4M 64.1 62.8 64.0	45.2 38.6 38.2 43.5 42.1	53.9 49.0M 51.2 53.2 53.1	- 3.8 1.2 .6 1.0	87 89 89	26 27 27 27	34 21 19 28 28	17 4 4 4 17+	358 528 438 391 400	0 0 0 0	0 1	0 0 8 0 0 0 3 0 5 0	3.97 4.16 3.88 4.98	.72 .27 .46 1.55	1.34 1.26 1.51 1.24 2.10	1 1 1 1 1 1	T .0 .0 T	0 0 0 0		6 7 6 9	3 4 2 3	2 1 1 2
OIVISION			51.7	- •1									4.00	.49			T					
LOWER SUSQUEHANNA																						
ARENDTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG	62.3 61.7 64.7 63.3 62.6	40.2 40.6 41.9 38.7 42.4	51.3 51.2 53.3 51.0 52.5	.5 4 1	89 88 89 89	27 28 27+ 27 28	24 26 23 23 25	4 17 4 4 4	433 440 378 435 411	00000	0 0	6 0 5 0 5 0 7 0 4 0	3.60 4.60 4.05 3.38 3.27		.85 1.12 1.00 1.31	13 7 1 7 13	T T T T	0 0 0		9 10 9 8 7	3	0 1 1 1 0
HANOVER HARRISBURG WB AP R MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	64.0 63.3 63.0 64.0 64.8	42.9 40.7 39.6 40.5 40.6	53.5 52.0 51.3 52.3 52.7	1.2	89 89 89 89	28+ 27 27 27 27	26 24 22 24 22	4 4 4 4	396 415 432 404 396	00000	0 0 0	5 0 5 0 6 0 5 0 6 0	2.81 3.70 4.18 3.38	• 35	.66 1.11 1.23 1.92 .85	13 7 7 7 7	0 T 0 T T	0 0 0 T	19+	6 8 8 7		0 1 1 1 0
DIVISION			52.1	•3									3.66	.16			Т					
MIODLE SUSQUEHANNA																						
BERWICK ENGLISH CENTER LEWISTOWN MILLVILLE 2 SW NEWPORT	63.0 58.9M 62.1 58.5 63.3	38.0 30.0M 37.8 35.9 38.4	50.5 44.5M 50.0 47.2 50.9		90	28 28+ 28	21 16 24 19 21	4 5 5+ 4 4	460 617 469 547 451	1 0 2 0 2	0 1				.88 1.40 .82 1.82	7 1 13 1 8	2.0 T .0 2.0	0 T 0 2	16+	8 8 8 10	3 4	
SUNBURY TOWER CITY 1 S WILLIAMSPORT WB AP	61.4 59.8 61.6	37.0 37.6 37.8	49.2 48.7 49.7	• 3		28 28+ 26	21 19 22	4 4	503 504 479	2 0 1	0 1	2 0 0 9			1.20 1.26 1.01	1 8 7	•0 •0 •5	0 0 T	15	8 7 6	3	1 1 1
OIVISION  UPPER SUSQUEHANNA			48.8	- 1.0									3.90	•36			.6					
AUSTINBURG 2 W	55.4	32.5	44.0		85	28	13	2	638	0	0 2	0 0	3.74		1.07	1	5.0	3	2			1
CANTON 1 NW OIXON LAWRENCEVILLE 2 S MONTROSE	54.0 59.0 59.5 53.5	35.9 33.2 33.5 34.8	45.0 46.1 46.5 44.2	•1	85 90 88 84	28 28	20 17 19 20	3 5+ 4 4+	609 588 561 640	0 1 0 0	0 1 0 1 0 1	6 0	5 • 12 5 • 10 2 • 86	.18	1.73 2.18 .52 1.68	1 7 1	5 • 6 T T 9 • 9	4 T T 5	13 16 15+ 14	10 7 8 9	3	1 2 0 1
TOWANOA 1 ESE WELLSBORO 3 S	59.8 53.6	34.6 34.9	47.2 44.3	- •3	89 84	27 28	18 18	4 3	542 638	0	0 1		5.15	1	1.67	1	1.0	1 6	16	10		1
OIVISION			45.3	• 0									4.38	1.10			4.1					
CENTRAL MOUNTAINS							See P	efere	nce Not	es Fo	llawi	na Sta	tion Index									

CONTINUED				Temp	eratu	re							1			-	Precip	itation					
						T		T		No.	of Do	ys					[	Sno	w, Sleet		N	o. of	Doys
Station	Average Moximum	Average	Averoge	Deporture From Normol	Highest	Dote	Lowest	Date	Degree Days	Above xow	Below 32° or	Min.		Totol	Deporture From Normol	Greotest Doy	Dote	Total	Mox. Depth on Ground	Dote	.10 or More	.50 or More	1.00 or More
BELLEFONTE 4 S DU 801S 7 E EMPORIUM 1 N LOCK HAVEN MADERA	58.8 57.2 54.3 60.2 55.9	39.7 32.1 31.3 36.0 31.1	49.3 44.7 42.8 48.1 43.5	- 2.7	84 85	28 27 28 28 28	21 15 15 20 16	3 17+ 4+ 4+ 4+	510 606 665 524 639	0 0 0 0	0 1 0 1 0 1 0 1	8 0	3 3	4.80 3.34 3.49 4.30 4.91	•91	1.35 .92 1.10 1.20 1.02	1 7 1 1	3.5 2.0 T 3.2	1 1 7 3	1 15+ 15 15	6 9 10 8		1 1 1 1
PHILIPSBURG FAA AP RENOVO RIDGWAY STATE COLLEGE	55.3 61.7 55.3M 57.1	33.0 33.7 32.0M 38.9	44.2 47.7 43.7M 48.0	- 1.4 7	91	27 29+ 28 28	14 19 12 24	3 4 3 3	622 527 644 536	0 3 0 0	0 1 0 1 0	6 (		4.11 4.33 3.04 4.55	95 71 1.04	1.39 1.31 .44 1.31	12 7 1	.0 3.2 3.9	0 1 2	18+	7 10 9	3 0 3	2 0 1
DIVISION			45.8	- 1.0	Ì			i					1	4.10	•50			2.0					
SOUTH CENTRAL MOUNTAINS						.		, ,	512			2		4.51	•31	1.16	7	5.5			11	2	2
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW HUNTINGDON	60.1 64.4 56.0 59.2 62.5M	36.8 37.8 33.6 39.5 35.9M	48.5 51.1 44.8 49.4 49.2M	- ·1 - 1·3 - ·4	88 82 88 92	27 27+ 27 28 28	19 16 24 20	17 4 4 17+ 4	513 435 602 486 494	0 0 0 3	0 1 0 1	0 6 7 1	0	4.72 4.54 3.37 3.53	.53	1.40 .96 1.02 1.06	7 7 7 7	T 8.0 .0 .0	0 4 0 0	15+	7 10 7 7	3 3 3	2 0 1 1 2
JOHNSTOWN KEGG MARTINSBURG FAA AP	58.8 60.7 60.3	39.0 35.5 39.8	48.9 48.1 50.1	- 1.3	88	28 27 27	25 20 23	4 4	493 514 482	0 0 0	- 1	.3	0	6.51 1.61 3.10		•68 •84	6	1.8	0 T	15+	4	1	0
DIVISION			48.8	3		i								3.99	•31					1			
SOUTHWEST PLATEAU														2 03		.74	7	1.3	Т.	16-	7	3	0
8AKERSTOWN 3 WNW 8LAIRSVILLE 6 ENE BURGETTSTOWN 2 W 8UTLER CLAYSVILLE 3 W	60.6 57.8 58.0 57.5M 61.0	37.9 38.0 31.5 34.7M 33.9	49.3 47.9 44.8 46.1M 47.5	- 3.6 - 2.4	84 88 87 87 85	27 27 28 28 30+	18 16 17		483 544 604 578 523	0 0 0 0	0	18	0	3.03 4.65 3.93 3.99 4.61	•23 1•12	.93 1.23	12	4.1 1.3 .0 T	3 1 0 T	14 1 15	11	3	1
CONFLUENCE 1 SW OAM DONEGAL DONORA FORO CITY 4 S DAM INDIANA 3 SE	57.2 57.2 64.4 57.6 59.1	34.6 33.9M 39.3 35.0 33.7	45.9 45.6M 51.9 46.3 46.4	- 1.4			18 24 18	17+ 17+ 17+ 17	571 595 417 566 551	0 0 0 0	0 0	15 8 12	00000	4.07 3.86 4.18 3.72 4.62	.67	1.26 .83 .77 1.00 1.06	7 13 7 7 13+		3 0 T 1 2	15 13 15 15	13	3 4 2 3 3 3 3	0 0 1 3
MARION CENTER 2 SE MONTGOMERY LOCK AND DAM NEW CASTLE 1 N NEWELL NEW STANTON	57.5 61.9 61.7 60.1 61.7	35.2 36.7 36.6 38.8 34.7	46.4 49.3 49.2 49.5 48.2	- •2	88	27 30+	16 21 18 24 18	17	571 476 486 476 506	0	0 0		0 0 0 0	4.77 2.66 1.70 4.80 1.73	- 1.91	1.05 1.02 .63 1.15 .45	13 1 1 7 6	5.3 2.5 .0 .0	3 2 0 0		1	7   2 7   1 3   4 7   0	1 0 1 0
PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE DAM SALINA 3 W SLIPPERY ROCK	58.2 60.3 56.1 60.2 58.5	38.5 42.7 34.7 34.7M 38.0	48.4 51.5 45.4 47.5M 48.3	6	85 87 86 85 84	27+ 28 27	22 29 20 14 21	17+ 17+ 17	513 442 591 534 521	0 0 0	0	9 6 15 15	0 0 0 0	3.03 3.39 4.20 3.66 2.09	05	.60 .71 1.00 1.38 .76	7 7 1 7 1	3.6 .1 3.5 T 4.0	0 1 0	16	+ 1	9 3	0 1
STOYSTOWN UNIONTOWN WAYNESBURG 2 W	55.2 61.8 62.0	35 • 3 39 • 5 34 • 2	45.3 50.7 48.1	- 2.0 - 3.1	8 4 8 8 8 8	27	20 21 18	17	596 446 508	0	0	13 9	0	4.45 4.96	.75 1.37	1.23 .98 .95	7 7 1	2 • C					
DIVISION			47.8	- 2.0										3.73	- •02			1.6					
NORTHWEST PLATEAU																				1.4		6	0 0
BRADFORD FAA AIRPORT BRADFORD 4 W RES BROOKVILLE FAA AIRPORT CLARION 3 SW CLERMONT 4 NW	52.8 55.9 56.4 51.7 53.7	33.4 29.0 32.9 27.9 32.5	43.1 42.5 44.7 39.8 43.1		81 84 78 84	30+	111111111111111111111111111111111111111	3 7 3		3 0 7 0 8 0	0 0 2	19 21 18 20 18	0 0 0 0	1.90 2.81 3.50 3.89 2.86		.32 .48 .56 .90	9 23 7 1 13	2 · 3 1 · 8 + 11 · 0	7 3 1 3 4	15	+ 1	9 9 1 1	0 0 0 2 0 0 0 0
CONNEAUTVILLE CORRY EAST BRADY ERIE WB AIRPORT FARRELL SHARON	56.9 57.0 62.3 54.5 61.6	35 • 7 38 • 4	44.7 45.0 49.0 46.5 51.0	1.0	89	3 30+	2 2	0 4	619 601 490 578 450	0 0 0	0 0 0	19 19 12 11 8	00000	1.87	65 - 1.72 - 1.52	.99 .93 .78 .59	13 22 23	1.0	. 3	3	2+	0 7 6 8	1 0 0 2 0 1 0 0
FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE I NNE MEADVILLE I S	58.3 60.9 55.9 54.3 55.2	35.3 33.0 29.7	47.0 48.1 44.5 42.0 44.3	- 2.1	8 8 8 8	5 27 7 30 4 28 3 28 4 28	1 1 1 1 1	4 2 3	61 68	0 0 7 0 8 0	0 0 0	12 17 17 19 17	0 0 0 0	1.72 1.73 3.85		•50 •47 •50 •93 •54	23 23 1	9.	2 3	3	2+ 2 1	6	1 0 0 1 0 1 0 1 0
MERCER 2 NNE TIONESTA 2 SE DAM TITUSVILLE WATER WORKS WARREN	59.7 55.1 54.5 57.9	32.3 29.7	43.7 42.1 46.0		8 8 8 8	5 27 4 28 1 304 6 304		0 3	68	2 0	0 1		0 0 0 0	3 · 28 2 · 36 2 · 85	76	•73 •60 •77	23	5.	5	6	6+ 2+ 1 1	8	1 0 0 1 0 0
DIVISION			44.8	- 1.0	6									2.6	7 - 1.08								

## DAILY PRECIPITATION

PENNSYLVANIA APRIL 1962

Station	[a]												Day	of M	lonth																
	Total	1	_	3	4 5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMETONIA LOCK 3 ALLENTOWN WB AP R ALLENTOWN GAS CO ALTOONA MORSESHOE CURVE ARENDISVILLE	3.97 3.72 9.51	1.02				- 1 i	.92 .77 .17 1.16		.13 .54 .24	- 41	.00 T	*10 *50 *08 1*02 *28	.41	.26 T .24 .20	•22 •06 •03 •19 •04	.01 T .07		ĭ	.03 f	•03 7	T .06	ī	.07 T						.07	7 •41 •05 •10 •07	
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK DAM BEAR GAP		. 88	.22 .06 .30 .25			•0	.38 .74 .64 .30	•10 •59 •35	.29 .24	.27	.03	•34 •06	. 44 .52 .70 .23	•12 •03 •46 •12	•01 •10 •06 •24 •20	T T .07 .13		.02	.10 .19 .10	•25 •02			•16 •03 •25						• • 02	.65	
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE S BERNE	4 - 31	1.32 1.55 1.35	.23 .19 .20 .11		T	T	.34 1.20 .33 .94	•55 •30	.10	*03 *28 *32 *16 *27	T T	•01 •16 •23 •27 •04	.35 .90 .55 .95	•19 •17 •33 •	-15 -13 -10 -	**************************************			•02 •02 •17	7 •02 •08	т :		.09 .05							.04 .10	
SERWICK SETHLEMEM SETHLEMEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N	3.16 2.12 2.16 4.65 4.60	.98 .51	.28 .03 .12			•03 •90 •39	• 27	•18 • •02 •53	.30 .27	•25 •04	•12	•26 •02 •17 •93 •25	.28 .45 .66 .45	.24 .10	-28 -09 -27 T	T +14 T		•02	• 05	T -30		.02	.01						.01 .03	.14 T .02	
BOSWELL 1 SW BRADOOCK LOCK 2 BRADFORD FAA AIRPORT BRADFORD CNTRL FIRE STA BRAOFORD 4 W RES	1.90	.87	.06 .08 T .13	T :		T T • 0 2	1.21 .92 .28 .27	•11 •27 •12	.06 .09 .32 .09	.19 .11	•14 •02 T		1.19 1.04 .23 .45 .20	.48 .18 .24 .27	•17 •20 •04 •03 •04	.09 .02 T .03	T	.01	T •22 T T •19	.03 .02 T	T	•05	•23 •14 •04 •65 •48		т		. 0=4 T	T T	T .08 T	7 •52 •01 •14 •21	
BREEZEWOOD BROOKVILLE FAA AIRPORT BRUCETON 1 S BUFFALO HILLS BURGETTSTOWN 2 W	V7.10	• 39	T 1.36 .02 .10	-		.45 .30 .05	1.02		.22 .41 1.19 .04	.25 .01 .03 .10	•20 •05 •03 •10 •01	•25 •47 •09 •32 •08	.89 .51 .86 .70	.05 .08 .12 .23	.07 .10 .19	•28 •02 •05		•23	.01 .20	.09 .25		•16	.07 .26 .05					Т	•01	•17	
BURNT CABINS 2 NE BUTLER CAMP KLINE CANTON 1 NW CARLISLE	4.08 5.12	.63 1.09 1.73 1.00	.15			• 02	.97	•37	.23	•16 •24	.18	1.00 .13	•36 •71 •92 •95 •29	•29 •	7 . 25 T T	T +11 T		т	T •20 •23	•02 •15 •17			.09						T •44 •14	.92 .07	
CARROLLTOWN 2 SSE CARTER CAMP 2 W CEDAR RUN CHAODS FORD CHAMBERSBURG 1 ESE	4.84 3.86 4.83 4.65 3.38	1.08	.06 .15 .25 .14			+17	1.05 .58 .80 .16 1.31	•22 •54 •60 1•27	.09 T	• 24 •17 • 30 •08	•01 •15	•14 •77	1.30 .87 .98 .72	.26 .15 .22 .07	.30 T T .09	.02 T .04 .06			.01 .09 .06	.06 .05 .02 .22	-12		.04 .05						T •02	.02 .13 .04 .16	
CHARLERO! LOCK 4 CLARENCE 1 E CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W		-90	.05 .12 .10 .14	•03		T	•91 •68 •50 •43 •90	•41 •53 •24 •72 •10	.07 .03 .12	*10 *20 *22 *34 *10	.09		1.02 .98 .45 .56 .80	•23 •17 •39 •13 •26	*10 *10 *06	.02 .05 .06	.08	.02	.06 .25 .29	•60 •06			.20 T .31						.05 .05 .03	.05 .03 .06 .20	
CLEARFIELD CLERMONT 4 NW COAFESVILE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW		.25 1.28	.17 .32 .09 .04	T T	т	T T	.87 .28 .06 1.26 1.19	•35 •13 •86 •08 •09	.05 T	•32 •42 •52 •12 •02	T .18	.23	.85 .42 .78 1.00 1.12	.40 .19 .13 .08	•40 •21 •03 •04 •10	.10 .15 .07 .01	T T	T	.20 .09	•39	•1- •0- T	T	.02 .16					T T	Т	.04 .18 .0	
CONNEAUTVILLE CONNELLSVILLE CONSHOHOCKEN COOKSBURG	2.78 2.48 4.31 4.17 V7.35	1.35	.13 .18 .05 .29 1.69	1		• 0 5 T	.43 1.15	T •02 •15 1•15	.28 .20 .05	•05 •23 •24 •29	•07	1 •10 •17 •10	.18 .17 .73 .68 .73	•34 •32 •40 •01	•11 •15	•15 •07 •05 •04 •46		. O #	.02 T .03	T +32 T			.99 .95 .05	•02					T •06 •04	.05 .01	
CORAOPOLIS NEVILLE IS CORRY COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE	3.38 3.41 4.34 3.58 4.99	• 25	1.00 .02 .03 T			•03	.18 .43 .90	* •30 •25 •24	1.14 .29 .10 .02	•15	.08	*08 *11 *16 *45	.80 .39 .68 .92	• 40 • 05 • 35 • 72	* •15 T •28	.27 .04 .10 T			.04 .06 .04	.06			.05 .93 .08 T	Ĭ	Ţ			+04	.33 .20 T	•17 •82 T	
DANVILLE DEVAULT 1 W OIXON DONEGAL DONORA	4.35 4.81 5.10 3.86 4.18	1.24 2.18 .29	•15 •25	T ,		• 53	.62 1.00 .49 .59	.63 1.04 .04	•57 •33 •17	•18	.60 .07 .08	•95 •59 •69	.67 .08 .53 .83	•11 •06 •03 •19	•22 •09 T •20 •13	T .05	•01	.05	.05 .21 .07	.05 .01 .31	т	•01	.16 .23						.24 T .02	.34 .04 .14 .05	
DOYLESTOWN OU BOIS 7 E EAST BRADY EBENSBURG EMPORJUM 1 N	4.31 3.34 3.01 4.54 3.49	•49 •48 •80	.03 .05 .16			•03 •05 •10	•92	•20 •03 •08 •28 •23	.46 .18 .39 .06	•12 •19	.36 T	7 •72 •24 •18 •03	.76 .39 .78 .93	•07 •19 •35 •19	.05 .09 T .32	T •08		.04	.24	7 •14 •21			.04 .07 .09						• 05	.05	
ENGLISH CENTER EPHRATA EDUINUNK 2 ERIE W8 AIRPORT EVERETT 1 SW	4.56 3.22 5.15 1.84 3.37	1.30	•13 •26			•12	* •83 •64 •27 1•02	1.25 .65	•27	•19 •24 •17	• 25	T •12 •80	.91 .30 .69 .17	•11 •24 T •42	•02 •03 •02 •07	•06 T		Т	T .05 .04	•10 •10 •06 •01	т	•59	Т	т			T	.02	•25 •04 T	.14 .02 .22 .34	
FARRELL SHARON FORO CITY 4 S DAM FRANKLIN FREELANO GALETON	1.87 3.72 2.27 - 4.23	•18 •81 •50 T	•22 •13 •15 •10 •17			*02 T T	.35 1.00 .18 .14 .60	•14 •02 •68 •52	•17 •14 •07	•11 •03 •16 •22		• 06	.26 .77 .30 .36	•13 •18 •36 •37 •15	•11 •10 •06 •24	.08 .05 .32		.03	T •05 •20 •10	.07			.40 .11 .32	Ì					T . 05	.02 .16 -	
GE1GERTOWN GEORGE SCHOOL GETTYSBURG GLEN HAZEL 2 NE OAM GLENMOORE	4.53 3.27 3.92	1.54 1.51 .38 1.04 1.40	.30 T			т	.20 .15 .73 .58	•70 1•22 •60 •25 •49	.07 .13	.35 .34 .12 .26 .50	•08 •27 T	•18 •30 •22 •03 •25	.58 .51 .80 .40	.09 .03 .04 .27	.06 .05 T .08	T •07	т	.01	+11	•10 •04 •07			•16					т	•07	.10 .05 T	
GLENWILLARD DASH OAM GOULDSBORO GRATERFORD GRATERFORD 1 E GREENSBORO LOCK 7	3.38 3.84 3.70 3.75 5.49	.93 1.27	.03 .17 .25 .30	•01		•01 T	.65 .87 .10 *	•05 •53 •86 •90 •24	.10	•15 •20 •46 •40 •27	-14	•22 •26 •27 •21	•51 •13 •34 •68 1•20		*11 *10	.01 .08 .13	•01		.06 .01	7 .03	•0		.10					T	T	.45 .03	
GREENVILLE MANOVER MARRISBURG WB AP R MARRISBURG NORTH HAWLEY	1.72 - 2.81 2.90 2.79	•62 •32 •29	7 .06 .01 .16			•05 •07	.36 .41 1.11 .65 .31		.20 .03 .18 .03	- •22 •14	T •11 •10	•05 •24 •71 •14	.78	.11	.05 T .02	T T	T	•01 T		.06 .04 .10	.04	т	•47 T •01				.01	Т	.09	T •01 •02	
HOLLISTERVILLE HOLTWOOD HONESDALE 4 NW HONEY BROOK 1 W HOP BOTTOM 2 SE	3.31 4.40 2.71 4.36 4.62	• 82	•28 •08 •22 •13 •49				.30 .05 .28 .12	•38 •89 •28 •77 •76	+02	•22 •30 T •32 •19	T T	•22	.56	•11 •18 •10	•02 •03 T	•18 •03 T	•02		.15 .06	.05 .14		.01	ĭ						T T	.12 .15 .07 .31	
MUNTINGDON HUNTSDALE HYNDMAN INDIANA 3 SE JAMESTOWN 2 NW	3.53 3.30 3.60 4.62 1.73	•67 •43 •40	T •08 •02 •08 •09			• 02	1.06 .51 1.65 1.06 .22	•13 •45 •07		•19 •23 •19 •21	.04 .10		•71 •69 •54	•20 •03 •01 •31	•08 T •29	.02 .02 .02	•11		•29 T		.1		.30 .02						•25	.21 T .28	
JERSEY SHORE JOHNSTOWN KANE 1 NNE KARTHAUS KEGG	4.15 6.51 3.85 5.02 1.61	1 • 33 T • 93	.15				-60	.22	.38	•21 •12 •34 •23 •15	•15	•26 •05 •12 •30	.70 1.27 .48	•25 •36 •41	•07 •54 •02 •10	*10 *10 *10		т		*23 *12 T *08			.50 .03 .25 .32							.17	
KITTANNING LOCK 7 KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA	3.51 4.07 3.40 2.48 4.15	.60 .87				T +07	.87 .69 .40	1 • 30 1 • 36 • 29	•19	•13 •27 •12 •15	.22	•11	•59 •41 •41 •25	•20 •17	•15 •25 •05 •03 •02	.06 .03 .05	•02			•11	T T		.08						•02	.32 .12 .15	
											See refe	втепсе г	otes foli	owing S	aous I	ndez.															

Station	otal													Day	of M	onin				-	-				
Station	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17 1	8	19	20 2	1 2	22 23 24	25 26 27	28 29 3
NOISVILLE 2 NW WRENCEVILLE 2 S BANON 3 W HIGHTON ROY	3.68 2.86 2.78 5.26	·63	*11 T *12 T *25				т	.21 .52 .69 .70	.82 T .50 .96		.18 .33 -	•05	.14 .49 .11 T	.65 .23 .28 .10	•13 •02 •11 •07 •08	T .10	T •03 •05 •12		-11	.03	.33 .35 .18	07	•10 T •06		.08
WIS RUN 3 SE WISTOWN CK HAVEN NG PONO 2 W	3.72 3.39 4.30 3.82 3.81	.88 .63 1.20 1.00	.14 .20 .13 .18	T				.33 .75 .86 .45	.12 .49 .23 1.47	•22	•73 •13 •25 •20 •15	T T	*18 T	.53 .82 .78 .15	•11 •10 •21 •09 •45	.10 .03 .03 .09	T .02	.02		.07 T .07 .02	.06 T .31 .02		•51 T •02 T •22		•04 •01 •05
ERA PAFFEY PLE GLEN PLETON DEPOT	4.91 4.86 5.10 3.93 3.65	1.65	.03 .14 .28				т	.88 .84 .42 .77	•54 •25 •82 •24 •07	*04 *12 T	•28 •22 •40 •11	.06	.43 .47 .65 .47	.84 .92 .64 .89	•32 •45 •05 •14	•12 •15 •05 •03	.06 T		т	.11 .06	.03 .02 T 1		.19 T .05 .02		*02
CUS HOOK  ION CENTER 2 SE  TINSBURG FAA AP  AMORAS CONNELLSBURG	3.62 3.46		*14 T *16				.58	.93	.21 1.21 .54	*11 *17	•09 •23 •10	• 30	•22 •84	1.05 .13 .54 .61	•41 •02 •16 •10	.24 .07	.02 T		т	.04 T T	.01 1 .18 1		T •19 T •14		.04
EESPORT  IVILLE 1 5  X RUN  ER 2 NNE  ERSBURG	2.15 4.12 3.70	•30 1•16	.08 .20 -		т		•01	* .16 .58 .47	.05 .27	.19 .01	.07 .05 .10	•02	• 09 • 25 • 26	.85 .13 .83 .30	.37 .24 .20	•03 •07 T	.06 .02		•16 •02	.28 .01 .21	*02	.05	.30 T .54 .10 .35		.01 T
RSOALE NVILLE HEIM VILLE 2 SW	04.04 4.36 4.52 5.08	•28 •96 1•35 1•82	.17 .11 .22	T				1.17 .41 .86 .68	.48 .39	Т	•11 •30 •14 •09	.14	*19 T *18	•69 •60 •71 •39	.45 .18 .42 .11	.19	.20 T	т		T .05 T	•36 •04 T		.10 T .05 T .01		•07 ]
GOMERY LOCK AND DAM  ROSE SANTOWN	4.10 2.66 5.33 3.76	.80 1.02 1.68 1.60	.08 .07				· 08	1.35 .36 .69 .75 1.03	•35 •05 •83	.12 .40 .23	•25 •10 •29	.22 .15	•23 •05	.57 .50 .60 .13	•10 •15 •22 T	•11 •16 •02 •03 •05	.02 .01	т		.03	.03	т	•12 •03 T •03 T		.01 T .08
SRETNA 2 SE ISTOMN ONA LOCK 4 HAMINY FALLS CASTLE 1 N	3.48 2.42 3.95 4.27 1.70	.33 1.05	.12				•03 T	.32 .87	.58 .23	•10 •21 •12	.32 .15	T T •24	.08 .06	•31 •77 •16 •24	•15 •33	-04 -14 -01	T •02 T			1 +12	•39 •02 •07	T	•02		т
PARK PORT STANTON	4.80 5.27 4.57	.30 1.63 .76	•15				.45	1.15 1.14 .70	•06 •97	.25 .43	.25	•15 •20 •04	.55 .50 .20	.50 .89	•30 •12 •10	•15 •09 T	T		+10i	.04	•55 •61 •22	. 20	. 25 T T		.05 .11
TRIPOLI VISTOWN IH EAST 2 SE ELL 2 NW	1.87	1.60	•10 •15				•15 T		*02 1*02 *08 -	.06	•32 T •14	•03	•22 •18	.74 .08 .44	•02 •04 •04 •15	•05 •02 •08	.03 .08 .01 .04			.05	·19	•01	T •67		•05 •28
MERTON KER PACK 2 WNW L OREXEL INST OF TEC		.64	•15 •09 •18				T	1.06 .46 .17 1.32	.09 .44 .10	•26 •13	•17 •13	T .22	•25 •04 •73	.16 .53 .76	•17 •07	•13 •07 T	.15 T .02 .03	. 02		.02	•05	•01	.06		•69 •02 T
LAOELPHIA W8 AP R LAOELPHIA PT BREEZE LIPSBURG FAA AP ENIXVILLE 1 E ES CREEK	3.97 4.11	1.12 1.34 .53 1.26 1.60	T •19				•01 •04 •13 •02		•07 •07 •02 •93	.06 .02 .26 .40	.14	•22 •27 •15 •24	.69 1.39 .74	.09	· 02	.05 .09 .14 .08	T T .07	т	.01	T .05	.17	T T	1 •01		T •10 •28 •01
TSBURGH W8 AP Z //R TSBURGH W8 CITY R ASANT MOUNT 1 W T CLINTON TSVILLE	3.03 3.39 5.51 3.98 3.15	*19 1*63 *66	. 25 . 20 . 22	т			• 2 4 • 2 5	.71 .52 1.00	.95 .60 1.11	•23 •25	.18 .46	•04 •09	.43 .62 .03	.40 .62	.28	•07 •02 •06	T T •06 •09 •06	•04	.08	T •03 •18	т		.01 .07 T .06		T •01 •14
NEYVILLE 2 SE OAM KERTOWN 1 E MONO OING W8 CITY R	4.16 3.60 3.88	1.00 1.51 1.10 1.24 1.31	.15				T •15	.89 .06 .45 1.22	•16 •74 •20 •01	.17 T	.24 .50 .20	T •18	•25 •27 •49	• 67 • 34	•33 •02 •08	•17 •06 •09 •01	.06 .17 .10	т		.07 .14 T	*12 T	7	•11 •12 T		•02
ES LANOING L 6 GWAY HVILLE SELL		.74 .83 .40	.21 .06 .10 .34				T T	.48 .91 .44 .58	•12 •17 •19 •58	•14 •07 •12	•36 •15	.17	•26 •05		• 35 • 17	T •10 •01	.07 .01 .02	т	.02	.05 .36 .27	.17 .49 .04		.40 .06 T .12 .05		.04 .07
AMORE 1 S INA 3 W TON ENLEY LOCK 5	3.46 3.66 3.51 3.71	.80 .41 .56	.15 T .02				T T	.30 1.38 1.25 .90	•10 •04 •13 •35	.15 .15 .04	-01	.06	•26 •79 •48 •07	. 42	.10	•10 •21 •05 •17	T •01 •02 •01		т	.03 T	T •01		.10 .08 .03		т
ANTON ANTON W8 AIRPORT WOKIN PPENSBURG NEMAHONING	2.59 4.21 4.18	.71 * .60	1.57				• 31		•71	•13 •30	•32	•15	•46 T •60	.08 .39 .28	T •13 T		.26 T .09	т	.04 T T	.14 .06 T .20	1 •12 •12	.01	T T .05		.03 T
ERVILLE PPERY ROCK ERSET FAIRVIEW ST TH MOUNTAIN	2.09 4.42 3.53	1.05 .76 .42	.18 .17 .05	т			т	.54 .21 1.42 .87		•10 •05	•12	.18	. 27	1.17	.27 .30	-12	.04			т	•12 •10 •22	•02	.04 .10 .05		•03
ING GROVE TE COLLEGE YSTOWN AUSSTOWN DUDSBURG	3.32	1.31 - .43	•05 •05				•2:	.94 1.23 .79 3 1.35	.44 .08 .58	.05	•18 •07 •26	-10 -02	•31 •23 •05 •35	1.03 .59	•21 •50 •24	+18	.03 .20 .04		.10	.03 T	.09	.02	T •11		•01
MP CREEK BURY OUEHANNA AQUA	3.82	1.04 1.20 1.74 .52	•14						.71		•19 •32 •22		•20 •02	.56	•13 •27 •10	•12	.05 .02 T	т		.02 .01	.05		•01		•05
AQUA 4 N OAM NESTA 2 SE OAM USVILLE WATER WORKS YHANNA PEOO 4 W	3.26	.73 .40	.08				T T • 0	.40 .20 9 1.00 .09	•06 •18 •01	.15 .26	• 09		•05 •15	.48 .39	• 44 • 11 • 03 • 54	•05 •10 •15 •06	.02 7	т	.01	T			* 31 * 60		.02 T .04 .08 T
ANOA 1 ESE ER C1TY 1 5 Y	5.15 3.60 5.42 3.75	1.67 .50 1.73	.50 .19 .16		Т			.32	.36 1.26 .48		•04 •23 •12 •37 •18	Т	• 02	. 87 . 48 . 98	•13 •16 •12	· 02	.07 .03 .10			.25 .02 .18	.35	Т	• 08 • 12 • 25		.35 .45 T .02
ONE 4 NE BALO EAGLE ON CITY FILT PLANT ONTOWN IDERGRIFT	3.8	1.10 .57 .26 .91	.01 .11	Т			T ⊕ 2:	.18 2 .98 .80	•06 •32	.32 .04	•12	.15 T	•83 •01	• 12 • 45 • 78	•41 •19 •40	•11 •18 •19	.14 .01 .02	T •16	T .05	T .17 .08	.40 .04		•10 •84 •10 •05		•12
RREN ISONTOWN MESBURG 2 W LLSBORO 3 S	4.25 4.96 3.33	.77 1.42 .95	.18 T .04	•0	2		* 4*	.17 0 1.16 .85	•18 •38	.16 .06	•11	-10		.90	- 26 - 03	-22 -10 T	.05 T .04	т	T T	T T .02	.02 1 .64 .05	T	*45 T *11 *11 T		.11 .06 .09
ST CHESTER ST GROVE 1 SE ST HICKORY ITESBURG LKES BARRE	3 - 09	+60	1.96					1 .11	.93 1.11 .05	•20		Т	• 22 • 26 • 05 • 08	.70	•11 •35	•15	.03 .10 .04 T	_	- 02	.08 - .04	•25 •07 -	.03 .08	t	\	1

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Continued																														Α	(but)	1 /62	
0	Te													Day	of N	ionth																	
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WILLIAMSBURG WILLIAMSPORT WB AP WOLFSBURG YORK 3 SSW PUMP STA YORK MAVEN	3.00	1 • 1 3 • 5 7 • 4 4 • 8 3 • 3 0	T . 03		1			1.04	.14	.17 .03	.10	+12	.65	.79 .19 .68 .32	.16 .02 .10	.05 T	T 03		.03	T T .04		T	T	1 .02 .01					1		.02		
ZION GROVE ZIONSVILLE 3 SE	3.98	1.36							.90 .63		+23 +41	Ţ	.22	.30	.04	·21	.06														103		

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	ive hum	idity ave	erages -		Num	ber of d	ays with	precip	itation			Iset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	60:10:	1049	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sun
ALLENTOWN WB AIRPORT	W	14	11.8	38++	WNW	23	74	76	51	57	8	3	3	3	1	0	18		
ERIE WB AIRPORT	WSW	16	12.2	30++	WSW	30+	71	71	61	63	6	6	5	1	0	0	18	_	5.8
HARRISBURG WB AIRPORT	W	21	9.1	34	W	23+	67	72	50	51	5	5	4	1	1	0	16	59	6.3
PHILADELPHIA WB AIRPORT	WSW	13	11.1	34	NW	23	74	71	55	59	4	4	4	1	2	0	15	59	6.2
PITTSBURGH WB AIRPORT 2	WSW	13	9.8	35++	NW	30	69	74	54	53	4	6	5	2	0	0	17	54	6.8
READING WB CITY	W	-	11.5	40	NW	23	_	_	_	-	3	4	4	0	2	0	13	63	
SCRANTON WB AIRPORT	SW	16	9.5	33	W	14	63	67	49	52	5	4	5	2	2	0	16	53	5.9 6.3
WILLIAMSPORT WB AIRPORT	W	17	8.9	29++	WSW	9	74	75	45	53	7	5	3	2	1	0	18	-	6.5

					-						-										-										APRIL	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day (	Of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
ALLENTOWN W8 AP	MAX	60	49	46	52	63	58	63	61	57	61	48	49	44	50	41	44	50	56	58	62	69	84	68	67	84	88	89	85	83	65	61.8
ALLENTOWN GAS CO	MAX	74	33	49	45	30 54	65	59	64	36 61	37 59	63	36 46	36 48	35 45	49	30	28	32 50	37 58	37 58	34 61	46 69	45 85	36 67	38 67	49 84	51 88	90	60 85	49 86	38.8
ALTOONA HORSESHOE CURVE	MAX	45	43	26	52	30 65	37 60	61	57	35 57	39 59	38 57	43	35 45	35 46	41	40	30	51	37	38 54	38 65	36 80	55 75	38	79	49 86	51 87	55 85	63 81	51 84	39.8
ARENOTSVILLE	MIN	67	26	21 49	21	32 56	65	54	41 67	34 61	39 65	37 66	33 54	32	30 48	27 50	24	19 47	51	31 59	34 59	30 56	69	49 79	37 66	42 68	55 84	53 89	54 88	54 85	55 82	36.8
AUSTINBURG 2 W	MIN	37	36	39	39	30 48	60	47 58	46 58	36 53	50	42 54	42 52	36 47	37 42	32 42	39	28 36	35 45	37 52	38 49	39 55	65	61 80	35 50	35 62	52 78	48 84	49 85	57 84	63 82	40 • 2 55 • 4
BAKERSTOWN 3 WNW	MIN	38	43	45	16	26 65	31 65	58	30 57	25 57	63	28	31 47	32 45	31 48	46	39	21	26 51	35 54	27 54	26 65	80	44 79	32 64	36 80	46 83	84	83	58 78	55 82	32.5
BELLEFONTE 4 S	MIN	3 I 4 3	39	23 45	23	33 52	65	47 58	32 64	45 57	38 59	45 59	42	39 43	32 46	40	26 45	20	33 51	30 54	33 55	33 57	51 68	47 80	30 58	40 66	49 80	50 86	58 87	60 85	53 85	37.9
8ERWICK	MIN	33	26 48	46	52	27 64	62	46 62	38 60	60	37 60	39 59	38 50	33	36 49	30 47	43	30 49	35 55	57	31 60	35 68	45 84	48 79	46 66	50	62 89	60 90	64 89	65 85	55 82	39.7
BETHLEHEM LEHIGH UNIV	MIN	39 55	33 59	25 64	61	30 58	42 55	50	45 61	31 56	30 46	38 41	39 40	36	37 44	31 42	28	27 39	26 48	38	33 51	28 63	40 79	53 79	28 66	37 76	43 78	50	55 80	65 84	62 51	38.0
8LAIRSVILLE 6 ENE	MIN	45 37	46	45	45 55	4 I 68	42 54	46 55	47 52	40 52	38 57	35 50	35 40	33 40	34 41	35 32	34 35	34	35 52	57	41 50	43 67	56	43 69	50 62	80	58	68	66	50 77	50	44·1 57·8
8LOSERVILLE 1 N	MIN	29 65	21	23	25	38 54	47 65	46 53	40 70	4I 63	35 64	38 63	36 45	30 43	28	24 50	21	18 47	34 52	32 59	30 57	33 57	52	42	32	52	56 84	58 86	63	61	56	38.0
8RAOFORO FAA AIRPORT	MIN	39	35	28	27	36 57	43	49 53	45 53	39 47	50	43	4I 41	35	35	30		26	34	33	3 <b>6</b> 50	38	47	57 57	36 57	46	50	52 79	50	54 75	62	40.6
8RAOFORO 4 W RES	MIN	27	18	13	16	27	42 56	41	33	33	32	31	32	30	29	23		16	29	28	30 51	24	50	29	30 57	45	49 81	50	60	58	57	33.4
8ROOKVILLE FAA AIRPORT	MIN	26	20	9	12	22	32	36	28	26	28	25	31	31	27	23	16	16	24	27	26	20	41	36 61	26	35	38	39	43	53	53	29.0
BURGETTSTOWN 2 W	MIN	30	23	17	18	29	40	42	30	31	34	33	35	32	32	26		18	30	26	30	24	49	30	27	38	41	40	49	58	52	32.9
BURNT CABINS 2 NE	MIN	32	21	19	16	19	30	45	29	31	36	37	41	39	33	27	20	16	20	27	56 31	22	27	49	25	29	38	40	47	85 54	77 46	31.5
	MIN	37	31	20	19	65 31	65 49	68	42	36	63 42	63 39	41	35	50 34	31		22	57 31	31	57 34	70 24	39	75 53	33	37	88 45	88 46	55	63	82 58	37.8
8UTLER	MIN	20	39 24	22	19	53 28	41	54	58	34	38	60 41	51 42	38	31	46	25	17	29	27	55 33	60	33	79 39	28	42	8 I 42	85 42	52	83	52	57.5 34.7
CANTON 1 NW	MIN	38	38 25	20	38 25	26	32	57 45	40	30	34	55 32	35	31	33	27	25	35 22	42 25	33	50 30	52 35	65 45	79 45	34	57 40	76 51	82 55	60	82 58	66 55	54.0 35.9
CARLISLE	MIN	65 46	51 35	49 27	5 <b>6</b> 23	66 38	56 46	69 50	60 46	65 37	65 43	58 44	45	37	53 38	45 35		55 28	58 39	36	60 38	70 32	85 46	77 58	69 38	85 41	89 52	89 51	87 53	81 63	78 63	64.7
CHAMBERSBURG 1 ESE	MAX	57 37	48 34	49 25	54 23	65 30	55 43	70 48	60 45	64 37	65 42	47 41	45 40	50 36	51 37	43 32		51 27	57 35	60 33	57 35	68 28	84 43	70 48	68 34	84 38	87 46	89 47	86 50	82 60	86 58	63.3
CLARION 3 SW	MAX	30 25	32 17	35 13	14	56 23	48 35	50 40	47 27	47 26	49 27	43 27	36 33	35 29	38 27	37 22		39 13	43 25	48 23	47 23	58 19	73 33	67 39	56 21	73 28	78 35	78 35	78 43	71 51	7 <b>6</b> 50	51.7 27.9
CLAYSVILLE 3 W	MAX	39 32	44 25	45 22	55 17	65 26	55 43	60 48	62 31	55 37	64 - 32	49 37	48 42	47 34	48 33	44 26	20	52 17	55 29	60 28	57 34	65 23	80 39	75 50	66 26	82 35	85 39	85 41	82 52	78 53	85 47	61.0
CLERMONT 4 NW	MAX MIN	32 27	36 20	37 10	50 10	58 20	50 42	56 43	52 34	45 36	54 30	42 28	38 30	32 30	36 28	32 25		42 10	44 26	46 30	50 32	58 29	75 50	72 40	59 30	78 40	78 42	80 42	84 60	80 58	82 54	53.7 32.5
COATESVILLE 1 SW	MAX MIN	73 57	60 33	51 29	48	54 30	64 36	58 44	67 51	62 35	64 33	65 37	47 41	44 36	48 37	52 30		47 29	50 34	60 35	63 38	60 35	67 39	85 57	69 36	68 39	85 52	89 51	88 52	85 63	86 63	63.5
CONFLUENCE 1 SW OAM	MAX MIN	47 36	39 30	42 26	43 20	54 23	65 30	53 47	60 41	62 34	56 40	63 39	45 40	46 37	42 31	44 26	35 25	40	4.8 30	49 32	53 32	52 28	66 32	78 51	58 28	64	79 39	84 41	86 45	85 54	79 49	57.2 34.6
CONNEAUTVILLE	MAX MIN	35 30	33 12	40 14	42 19	53 29	65 40	59 37	56 25	57 31	47 30	56 27	54 30	49 35	44 32	50 19		38 18	47 32	57 27	52 31	55 24	67 49	81 42	50 26	67 43	80 45	85 58	87 53	85 53	78 50	56.9 32.4
CORRY	MAX MIN	34 28	40 20		49	63 28	55 4 I	52 42	53 22	53 32	56 31	52 28				38 25	37 16			51 26	54 30	65 24	80 52	<b>6</b> 2	60 27	77 42	82 45	83 46	81 56	76 57		57.0 33.0
OEVAULT 1 W	MAX	70 35	49 32	4.8 2.8	53 24	62 24	62 26	61 51	57 50	56 40	64 38	54 39					45 27	48 32	5 9 30	60	62 41	67 40	84 50	72 44	67 35	84 45	88 45	89 59	85 58	84 58	66 48	63.1
0 I X ON	MAX	46 34	39 31		43	53 17		58 38	60 42	57 30	51 29	57 32					41		47 25		54 30		67 26	85 40	60 34	62	80 40	87 40	90	88		59.0
OONEGAL	MAX MIN	3 <b>8</b> 2 <b>8</b>	40 26	40	53	65 26		57	57	i	i	45 38	43		42	35		47	48	52	51	62	78 45	66 33	62 28	77	82	84 45	83	77 54		57.2 33.9
OONORA	MAX	42	48		57 25	70 32	65 48	61 50	63 38	63	66	64	48 42	48 36	51 33	48	1	55 24	55 38	57 35	59	68 31	82 48	81 51	69	84	88 47	89 49	87 61	81 59	88 56	64.4
0U 801S 7 E	MAX	36	38	40	50		60	57	55	53	55	53	42	40	41	40	40	45	4.8	52	50	63	77	74 43	60 27	78	82	84	82	78 55	81	57.2 32.1
EAST 8RAQY	MAX	41 34	44	46	55	67	64	61	58					44	48	45	40	52		59	57 31	70		77 49	67	84	88	89	88		87	62.3
E8ENS8URG	MAX	39	39		50		56	56	53 37	52	56	50	40 31	38	40	36	3.8	45	47	51	50	63	75	66	65	76	80	82	80	74	81	56.0
EMPORIUM 1 N	MAX	38	34	39	40	49	60	55	56	52	53	53	52	42	40	41	37	40	29	48	50	52	65	77	50	60	77 41	43 82 40	85 41	54 82 57	77	33.6 54.3 31.3
ENGLISH CENTER	MIN	42	37		44	54	65	45	36 61		59			47		46	41	44	48	54	56	56	69	83	58	36	82	87	8.8	86	78	58.9
EPHRATA	MIN	34 52	51	48	52		55		60	61	64	51	32 45	45	52	51	47		57	60	30 61	23 68	83	71	25 68	84	34 87	38 86		50 82	77	62.5
ERIE W8 AIRPORT	MIN	33	32	39	25 48		54	55			52	46	46	43	41	36	37	41	50	48	46			58	39 58		80	58 82	83	79	76	54.5
	MIN	30	25	21	30	36	41	38	31	37	33	33	33	32	32	28	30	23	37	34	30	35	52	38	36	56	61	61	66	63	49	38.4
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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day (	16	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
EVERETT 1 SW	MAX	50	42	44	39	57	66	64	70	66	60	60	46	44	40	46	41	42	48	46	56	58	71	74	64	66	80	86	88	84	78		59.2
FARRELL SMARON	MIN MAX MIN	36 30	34 42 26	27 46 26	53 28	32 65 37	42 55 49	50 60 47	50 64 34	38 55 45	40 63 42	55 40	48	38 43 37	34 50 36	34 43 28	31 39 20	51 25	26 57 40	34 56 34	34 58 38	32 70 30	36 83 58	49 76 46	68	38 87 55	48 92 51	50 87 52	52 83 63	60 75 61	60 88 56		39.5 61.6 40.4
FORD CITY & S OAM	MAX MIN	40	37	43	44	54	65	55	59	54	54	61	48	44	45	48	40	42	5 U 2 8	52	55	57	66	80	55	65	82	85 43	86	84	79 52		57.6
FRANKLIN	MAX	37 31	41	44	51 21	65 31	55 43	48	48	51 34	59 37	55 34	48 40	43	46 32	40	37 22	48	56 29	53 33	56 33	66 26	80 48	63	64 29	81	84	85 46	84	76 57	84 57		58.3
FREELAND	MAX	58 35	41 31	41	48	58 34	58 38	55 47	56 45	51 39	53 39	53 38	48	35 30	40 34	41 31	41	47 22	50 20	52 35	56 33	62 34	78 48	74 46	60 34	76 37	83	83	83	79 46	72 39		57.7 36.6
GEORGE SCHOOL	MAX	62 49	53 34	50 26	48	54 30	61 41	60 48	59 46	60 34	60 33	61 39	55 45	48 38	45 38	50 33	42	45 26	50 31	60 35	61 35	65 35	70 45	81 58	70 36	68 44	81 52	86 49	87 52	83 53	84 50		62.0
GETTYSBURG	MAX	67 43	49 35	49 30	48 25	55 33	65 43	57 49	67 48	61	65 45	65 44	45 43	46 37	50 37	50 35	44 30	47 28	51 36	59 38	60 39	58 35	69 49	84 61	67 40	68 42	85 52	88 52	89 58	86 64	63		62.6
GRATERFORD 1 E	MAX	73 52	58 32	49 26	46 21	52 24	62 35	57 40	62 50	60 33	60 35	62 40	46 40	46 36	45 36	50 33	44 30	43 27	50 30	58 35	59 34	60 33	67 42	83 53	68 38	65 38	81 45	87 51	86 58	89 62	8 4 5 7		61.7
GREENVILLE	MAX MIN	35 30	43 18	45 18	53 21	65 33	59 43	59 46	62 30	60 39	59 35	5 8 3 5	50 39	42 36	46 32	44 25	38 21	51 19	54 36	55 28	58 34	69 24	81 53	75 44	66 28	83 44	86 44	86 46	82 54	75 55	87 50		60.9 35.3
HANOVER	MAX MIN	69 42	49 33	51 30	51 26	55 31	67 40	57 49	71 49	60 42	66 41	67 44	46 43	46 37	49 37	52 37	46 39	48 27	54 32	59 37	62 40	59 34	76 44	85 63	68 38	70 46	86 53	89 61	8 9 6 2	87 65	87 64		64.0
MARRISBURG W8 AP	MAX	50 38	50 32	47 27	54 24	65 35	56 43	70 50	60 40	65 35	66 40	49 43	44 39	49 37	5 2 3 8	46 35	49 31	51 30	59 39	61 36	5 9 3 8	68 35	85 45	72 46	68 39	84 41	88 57	89 52	87 59	86 63	71 55		63.3
MAWLEY	MAX	55 38	44 33	46 19	43 17	52 21	64 28	59 32	59 39	58 28	56 29	57 32	52 37	48 33	38 33	46 26	44 29	41 26	47 24	54 29	52 27	57 27	68 33	82 49	59 35	60 31	80 38	86 48	8 9 5 0	86 58	82 49		58.8 33.3
HOLTWOOO	MAX	58 42	49 36	45 32	54 28	60 36	54 32	63 47	59 44	65 41	64 38	48 43	46 40	48 38	51 37	43 35	45 34	49 30	57 39	58 37	55 42	67 40	83 44	69 50	67 39	83 45	85 52	84 55	7 9 5 6	79 60	72 57		61.3 41.6
MUNT1NGOON	MAX	48 38	47 32	49 21	39 20		70 40	59 40	66 41	61 33	64 34	63 40	46 41	45 37	50 34	51 31	45 28	48 25	53 25	58 30	60 29	60 21	72 42	85 55	64 32	69 33	84 35	91 45	92 50	91 50	82 59		62.5 35.9
INDIANA 3 SE	MAX	40 33	42 25	21	53 19	66 30	53 43	58 48	56 37	54 34	60 29	48 35	39	44 33	45 32	39 26	41 24	48 17	50 31	55 28	55 30	65 24	79 35	74 46	64 27	81 33	85 40	87 41	85 47	74 56	84 48		59.1 33.7
JAMESTOWN 2 NW	MAX	36 31	34 14	40 15	43 22	50 30	63 40	58 41	56 26	56 28	49 31	58 31	55 39	44 36	42 32	41	38 21	37 18	49 30	53 27	53 34	56 23	67 43	80 44	51 27	63 42	80 42	83 45	8 4 5 3	81 56	77 49		55.9 33.0
JOHNSTOWN	MAX MIN	40 38	44 28	49 26	40 25	58 33	68 46	55 50	61 43	60 37	56 42	62 42	46 42	45 36	43 33	49 27	38 27	42 27	51 35	53 33	58 37	59 30	72 43	76 52	56 36	68 40	78 48	87 48	8 9 5 2	80 59	80 55		58.8 39.0
KANE 1 NNE	MAX	36 29	35 20	38 10	38 14	48 24	61 31	50 42	55 29	52 26	51 29	54 27	53 35	42 33	41 30	46 26	36 16	36 15	44 25	49 26	51 27	52 20	65 36	78 42	46 22	69 34	78 35	82 36	83 45	82 54	77 53		54.3 29.7
KEGG	MAX	46 33	44 30	44 23	56 20	65 30	56 42	65 47	60 39	60 35	62 35	45 28	42 40	45 33	45 32	39 30	43 27	48 26	53 30	56 34	57 29	67 29	81 39	71 36	65 31	80 38	87 48	88 43	87 50	78 56	86 53		60 • 7 35 • 5
LANCASTER 2NE PUMP STA	MAX	65 40	52 31	50 25	56 21	64 29	61 34	65 45	65 45	65 32	67 30	63 36	48 38	48 35	54 36	48 31	47 28	52 26	5 9 3 5	62 33	60 37	69 30	86 36	77 56	69 33	85 37	90 43	88 47	84	82 60	77 60		65.3 37.3
LANOISVILLE 2 NW	MAX MIN	70 42	47 32	49 27	46 21	52 32	63 40	56 47	65 46	59 35	60 36	63 38	46 42	44 37	45 37	50 30	42 29	46 25	50 36	57 35	59 37	56 33	66 36	83 58	65 34	66 37	82 46	86 48	8 7 5 2	85 59	82 62		60.9 39.0
LAWRENCEVILLE 2 S	MAX	36 31	40 20	40 20	51 19	62 26	60 29	60 42	55 36	56 28	57 25	53 27	50 33	43 35	51 36		37 30	45 23	53 31	53 37	56 30	67 23	83 43	78 44	59 32	78 34	87 38	88 38	8 8 4 8	82 59	76 56		59.5 33.5
LEBANON 3 W	MAX	68 43	47 33	50 28	47 29	53 30	63 39	54 44	64 49	59 41	62 40	62 43	46 40	44 35	46 36	51 36	30	46 26	50 34	56 38	5 8 3 8	58 38	68 45	83 55	65 39	67 48	84 52	87 58	8 8 5 8	85 62	82 63		61.2
LEWISTOWN	MAX	49 39	43 33	5 0 25	50 24	57 24	69 38	59 45	66 44	59 38	63 38	64 42	47 41	45 36	48 34	49 35	43	50 29	53 29	56 33	57 35	60 30	71 29	84 44	65 44	69 40	85 40	90 49	90 50	89 53	83 61		62.1 37.8
LOCK MAVEN	MAX	42 35	39 31	20	46 20	53 26	66 36	61 44	61 41	58 30	61 34	60 37	51 40	46 33	46 35	49 31	28	48 26	50 27	50 33	59 32	58 27	70 36	82 54	61 30	67 39	84 40	88 45	89 50	88 60	83 60		36.0
MAOERA	MAX	40 33	39 24	16		50 17	31	55 45	57 40	54 29	55 33	58 34	43 36		40 31	28			46 22	51 29		22		79 47	55 26	62 28	80 35	84 39	85 42	84 50	77 54		55.9 31.1
MARCUS HOOK	MAX	62 46	53 37	51 36	33	61 40	59 43	54	60 52	46	48	53 43	41	47 39	42	35	33	53 32	41	46	55 44	42	49	48	43	75 50	55	58	58		51		62.3
MARION CENTER 2 SE	MAX		22	19		32	50 46	56 46	51 33	52 38	58 33	40	34	31		24	19	16	30	55 28	28	27	79 46	74 43	62 29	79 42	83 50	86 53	57	58	83 52		57.5 35.2
MARTINSBURG FAA AP	MAX	33	28	43	52 23	65 34	48	63 49	59 42	38	41	50 39	42 37	33	46 34	39 29	27		55 33	56 34	36	31	81 53	40	65 38	81 47	88 59	89 57	61	63	60		39.8
MEADVILLE 1 S	MAX		15	17		29	40	56 41	55 29	58 32		57 31		37	32	23	17	20	31	51 28	34	26	36	44	27	62 41	43	83 47	52	-	53		55.2
MERCER 2 NNE	MAX	40	15	13	13		58	59	58 30	50		59		54		24	19	15	52 32	56	31	65 18	80	73	63 25	80	83	85 42	82	57	78 52		59.7
MERCERSBURG	MAX	40	34	26		55 30	67 42	54	70 45	37	65 45	42		36		33	29	27			38	31	72 43	83 58	65 39	36	85 47	47	50	87 57	58		63.0
MONTGOMERY LOCK AND GAM	MAX	36	31	24	19		30	56 37	63	30	59 34	38	39			31		24	27	53	33	32	65 35	81 47	36	38	81 45	85 50	52	59	83 61		58.5
MONTGOMERY LOCK AND DAM  MONTROSE	MAX		23	23	22	31	61	60 49	32	40	62 37	42		35		27	26	21	31	57 30	37	23	81	78 49	66 30	43	86	87 46	53	58	86 53		61.9
	MAX	32	26	38	20	22	33	53	56 38	31		52 32	32	31	36	27	24	23	25	30	31	31	63 33	79 50	32	34	75 50	82 56	58	60	78 59		53.5
MT GRETNA 2 SE	MAX	63	63 31	27	50 22	60 37	55 43	65 46	43	37	65 35	52 40	47 36	45 35	48 35	31	31	28	56 34	60 34		66 32	81 42	75 48	67 38	42	50	54	61	64	50		62.3
NEW CASTLE 1 N	MAX MIN	57 34	49 31	48 27 44	24	32	57 32	63 48	39	62 38	63 36	50 39	35		50 31	31	27	24	54 34	57 33		67 32	85 43 81	69 45	67 36	85 41	88 56	89 52	69 52 85	61	65 52 86		62.0 37.8 61.7
COSTEL IN	MIN	39 31	42 21		53	66 29	62 43	60 48	60 29	41	62 42	40	50 41		33		21		53 39	57 28	32	68 25	49	80 46	28	82 45	85 44	86 51			52		36.6

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13		Day C	Of Mo	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEWELL	MAX	39	42	44	50		66	56	59	62	61	64	48	48	45	47	41	47	50	53	56	58	67	79	60	73	84	88	88	85	79		60.1
NEWPORT	MIN	33 65	30 45	27 50	50	31	67	50	4 I 6 8	42 60	40 65	47 68	45	40	36 49	33 52	31 46	2 <b>8</b> 50	34 54	33 58	58	60	40 73	85	31 65	39 71	43 85	46 90	52 91	56 88	54 83		38.8
NEW STANTON	MIN	39	35	23	21	25	37 55	46 60	46 64	35	37 64	40	41	37 47	37 50	34 48		30 52	53		37 57	29 67	35 81	49 67	67	38	45 87	90	51 87	64 79	90		38.4
NORRISTOWN	MIN	32	27	23	20	29	60	45 64	43 61	36	35	38	43 52	33 46	31 52	28	25 46	18 52	60	32 63	61	26 70	40 84	35 70	28 67	35 84	41 89	43 89	43 84	51 85	55 68		34.7 63.6
PALMERTON	MIN	42	34	31	27	39	42	55	45	39	39	42	39 49	38 43	38 48	34		29 49	38 56	39 56	39 60	38 70	47 84	48 72	40 65	82	51 87	61 89	61 85	64 81	50 67		61.1
PHIL OREXEL INST OF TEC	MIN	37	28	22	19	28	39	50	40	32	31	38	36	35	33	31	31	26 50	29 60	38 62	34 56	31	42 83	43 73	34 68	38	88	52 88	58 83	61 83	50 66		37.0
PHILAOELPHIA W8 AP	MIN	48	36	35	33	40	43	55	49	42	42	43	41	40	40	38		32	39	40	42 58	69	49 82	48	41 66	48	52 87	61	83	65	53		44.5
PHILAOELPHIA PT BREEZE	MIN	43	35	34	28		39	54	47	40	37	42	40	39	39	35	33	27	35	37	37 57	40	43	47	37	42 82	47 87	55 85	59	64	51		41.5
	NIM	46	36	37	35	40	44	56	51	47	45	42	40	38	40	38		34	43	42	42	47 62	48	50	42	50	53	59 83	61	64	50 78		45.2
PHILIPSBURG FAA AP	MAX	29	38 24	14	15	28	46	45	29	29	33	32	31	31	30	25	21	19	24	31	29	21	43	36	34	34	51	42	52	58			33.0
PHOENIXVILLE 1 E	MAX	71	51 34	25	21	28	27	49	63 43	63	35	63 37	47 38	37	39	30	31	26	35	33	34	31	42	61	36	38	47	53	58				38.6
PITTS8URGH W8 AP 2	MAX	34 31	41 25	43 26	26	63 34	54 47	56 47	58 35	52 42	35	48	41	34	32	27	23	22	33	35	56 35	65 31	50	38	33	49	52	85 54	61	61	83 56		58.2 38.5
PITTSBURGH W8 CITY	MAX	37 33	43 30	45 32	55 29	67 38	<b>56</b> 49	60 52	59 37	55 47	62 42	50 44	47 42	47 35	47 35	39 29	29	52 29	52 39	57 39	57 36	65 36	57	67 46	66 40	82 54	87 54	87 54	68	77 <b>6</b> 6	61		60.3
PLEASANT MOUNT 1 W	MAX	45 34	43 27	37 19	36 16	45 21	47 26	55 35	55 33	52 25	51 29	50 34	51 34	47 30	35 30	40 23		36 19	41 21	49 34	47 26	54 28	61 42	78 48	53 29	55 28	75 38	83 43	84 52	82 58			53.5
PORT CLINTON	MAX MIN	67 38	47 29	49 17	48 15	53 19	62 34	55 44	61 41	60 27	59 26	62 32	46 37	46 32	47 31	49 26	41 25	45 20	49 24	58 29	60 28	61 26	68 33	82 37	65 35	66 32	82 40	88 45	89	85 54			61.1 32.6
PUTNEYVILLE 2 SE OAM	MAX MIN	39 32	37 22	40 20	42 20	52 29	65 40	52 47	58 32	53 34	53 37	59 37	49 39	42 36	43 32	45 26		40 20	42 29	51 28	54 29	55 25	65 38	80 47	53 28	63 38	81 45	84 44	86 52	84 58			56 • 1 34 • 7
QUAKERTOWN 1 E	MAX	68 4 I	49 33	49 23	53 19	64 29	63	60 48	61 47	60 32	63 39	61 39	47 37	44 35	49 37	48 30		50 28	58 28	59 33	62 32	69 30	84 41	82 59	67 40	83 38	88 45	89 51	86 59	84 59			64.1
READING W8 CITY	MAX MIN	60	50 36	47 32	54 28	64 37	57 45	64 52	62 47	62 40	63 43	50 44	47 38	46 37	50 40	43 35		50 30	5 9 3 8	61 42	60 4 I	69 40	85 52	70 46	68 42	85 47	88 57	89 61	84 65	85 66			62.8
RENOVO	MAX	44	40 29	48	48	56 23	69 29	61	64 41	59 30	60 32	60 34	55 35	47 32	48 35	48 31		48 27	52 27	55 30	60 34	58 27	72 31	85 42	60 29	69 33	86 44	90 44	91 43	91 54			61.7
RIOGWAY	MAX	38	39 22	40		49 27	61 34	52	57 33	52 25	51 29	55 30	51 37	42	40 32	42 28		40 14	45 25	46 28	51 31	53 22	64	77 45	50 25	61	79 36	83 38	86 46	84 58			55.3 32.0
SALINA 3 W	MAX	39	41	44	53	65 29	62 48	55	58	55	60	58	44	45	45 31	42	40	49	61 33	55 28	55 30	65 25	80	76	64 28	80 31	84 43	85 43	83	79 58			60.2
SCRANTON	MAX	53	41	44	40	52 21	65	58	62	58	57	49	58	50	43	40 31	47	39 29	47 29	58	53 34	61 35	66	85 50	61 37	62 39	81 48	87 50	91 56	83 57			59.2 36.4
SCRANTON W8 AIRPORT	MAX	40	42	41 26	50	62	59	62	56 39	55 34	57	54	50 35	39	45	40	38	46 28	55 31	51 34	57 32	65 32	83 52	71 42	61 35	82 40	87 48	89 57	87 62	85 65			59.3
SHIPPENS&URG	MAX	65	50		55		55	68	62		65	58	44 41	48	50 38	46	46	51 26	58 35	56 38	5 8 3 6	68 32	83	77 58	68 38	84	86 50	89 52	85 55	85 59			64.0
SLIPPERY ROCK	MAX	36	4I 21	41	52 26	64	56 45	56	57 36	51	58	52	43	40	45 32	40	39	50	51	55	57	66	78 54	71 45	64	81	84 51	84 52	83	76 61	83		58.5
STATE COLLEGE	MAX	42	38	43	43	52	66	56	62	56 35	57	58	44 38	41	42	44	38	43	48	51	52 33	54	67	79 51	56 37	64	80	86	88	85	79	,	57.1 38.9
STOYSTOWN	MIN	45	38	39		50	62		58	56	54	58	40	40	41	42	34	39	44 26	49	52 32	50 28	64	75	61	70	82	80	84	83	75		55.2 35.3
STROUDS&URG	MIN	60	25	43			33 59	60		55	58	51	37 48		47		42	47	58	58	60	70	84	68	64	81	85	89	86	83			61.0
SUNBURY	MIN	47	44	49	46	55	30 67	57		58	62	62	45	48	46	50		47	52	55	58	61	71	84	34 64	69	84	90		88	85	•	61.4
TIONESTA 2 SE OAM	MIN	36 37	35 35		40	50	30 64	52	55	55	52	56		42	4 I	43		38	45	50			65	79	32 48	61	79	83	84	83	3 77	,	55.1
TITUSVILLE WATER WORKS	MIN	30	20 35	16 37			34 50		55	48	52	51	45	40	40	34	32	42	48	48	52	63	75	70	57	75	79	81	81	74	81	ı	32.3
TOSYHANNA	MIN	26		10	16	24	38	43		36	26	26		34	40	40	12	39	51	49			77	76	57	76		84	79	77		7	29.7
TOWANDA 1 ESE	MIN	34	27	19	15	23	31	46	36	27	33	34	32	29	31	27	7 23	21	22	30 52	29 58		82		34 60		87	89	86	81	7 47 L 77	7	33·1 59·8
	MIN	32	29	21	18	25	30	42	37	28	26	31	38	33	35	28	29			36 55	30	28	69	46	34 63	1			1		58 3 80		34.6 59.8
TOWER CITY 1 S	MIN	38	33	23	19	29	41	46	42	32	34	38	40	35	34	30	29		28		34	29	37	46	40	35	49	52	55	61	85	2	37.6
UNIONTOWN	MAX			29	23	30		51	41	43	39	45	44	35	33	30	26	21	38	38	33	29	47	54	32	39	44	48	67	58	5 3	3	39·5 57·9
WARREN	MIN	35	21	15	19	27	43	44	36	30	33	30	37	34	31	27	7 19	20	30	28		24	50	37	28	45	42	44	52	58	57	7	34.1
WAYNESBURG 2 W	MAX	40 34	43 27			26	42	59 48						33	32	28	3 24	18	26	1	32	25		51	28	34	38	41	52	47	7 85	4	34.2
WELLSBORO 3 5	MAX MIN	37 29		38 18													37			49 32	50 30			44	31	38	52	59	61	59		5	53.6
WEST CHESTER	MAX	75 54		53					62 51			65					2 43				64 38		70 46	89 57	73 38		85				7 85 1 61		64.0 42.1
																	1																

Station																Day	Of M	onth															951
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Avera
WILLIAMSPORT WB AP	MAX	41 35	46 30	46	55	64 30	58	61	58 38	60	60 30	52 37	48	46	48	44	44	5 U 2 7	5.3 30	57 35	58 34	70 32	84	68	66	84	90 47	89	88	63	78 59		61.6
YORK 3 SSW PUMP STA	XAM NIM	67	51	49	55	66	55	69	6.0	65	65	64	45	47	5.2	40	4.81	6.2	6.4	6.1	6.0	4.0	0.2	0.0	4.0								64.8

#### EVAPORATION AND WIND

Station																	Day o	of mo	nth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CONFLUENCE I SW DAM	EVAP		61		.15 46		* 26	.09	.03	.08	.15 104	.16 65	.00	.00	* 168	* 115	* 160	* 113	.09	. 06	.07	.10	.16	.35 177	.18 141	.18 42	. 24	.25	.19		.02		B2.96 B2070

### DAILY SOIL TEMPERATURES

Station And	Time															Day	of mo	nth															age.
Depth		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
ERIE CO FIELD RSCH LAB																												_					
8 INCHES	MAX M1N	33 33	34 33	34 33	34 33	35 33	38 35	38 38	40 38	40 39	42 39	41 40		41 40		40 39			41 39		44 40	45 41	50 45	51 48	49 46	51 48			59 57	60 59	60 58		43.4
LANDISVILLE 2 NW																																	-1.
2 INCHES	8 AM	47	40	38	36	40	42	47	49	44	42	44	43	41	41	40	38	37	40	41	42	41	45	50	46	47	49	51	53	55	57		44.:
STATE COLLEGE 2																																	
2 1NCHES	MAX	42 39	47 35	44 36	52 34	57 37	50 43	56 47	55 45	51 41	50 39	44 42	43 38	44 38	45 37	45 38	44 35	50 34		49	55 41	62 38	61 47	56 47		63 45			71 55	70 60	73 59		54.5
4 INCHES	MAX	42	45 36	41 35	46 35	53 38	48 43	53 47	52 45	49 42	49 40	44 43	43 39	43 39	43 38	44 38	43 36	47 35	47 37		53 41	58 40	58 47	55 48		59 46	65 50	66 52	67 55	66 60	69 59		51.7
8 1NCHES	MAX	43 41	42 38	42 37	43 37	48 39	46 44	49 46	49 46	47	47 43	45 43	43 41	42 40	42 40	42 40	41 38	44 38	44 40	46 42	48 43	51 43	52 47	52 50	51 46	54 47	58 50	60 53	61 55	61 58	63 58		48.5
12 INCHES	MAX	43 41	42 39	42 38	41 38	43 40	44 43	46 44	48 45	47 44	45 43	45 43	44 43	42 41	41 41	42 41	41 40	41 40	42 41		45 43	47 44	49 46	50 48	49 47	50 47	53 49	55 52	56 54	57 56	58 56		46.4
16 INCHES	MAX M1N	43 41	42 40	46 39	40 39	42 40	43 42	45 43	48 45	46 44	45 43	44 43	44 43	43 42	42 41	42 41	42 41	42 40	42 41	43 41	44 43	45 44	47 45	49 47	48 47	49 47	51 49	53 51	55 53	56 54			45.9

Erie Co Field Rsch Lah - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Rye grass and Native Weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam. Ground Cover: Permanent blue grass sod which is kept clipped to a height of 2 inches. Instrumentation: Weston Electric Soil Thermometer.

State College 2 - Slope of Ground: Gentle slope to the southeast. Soil Type: Hagerstown silt loam. Ground Cover: Kentucky blue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constant

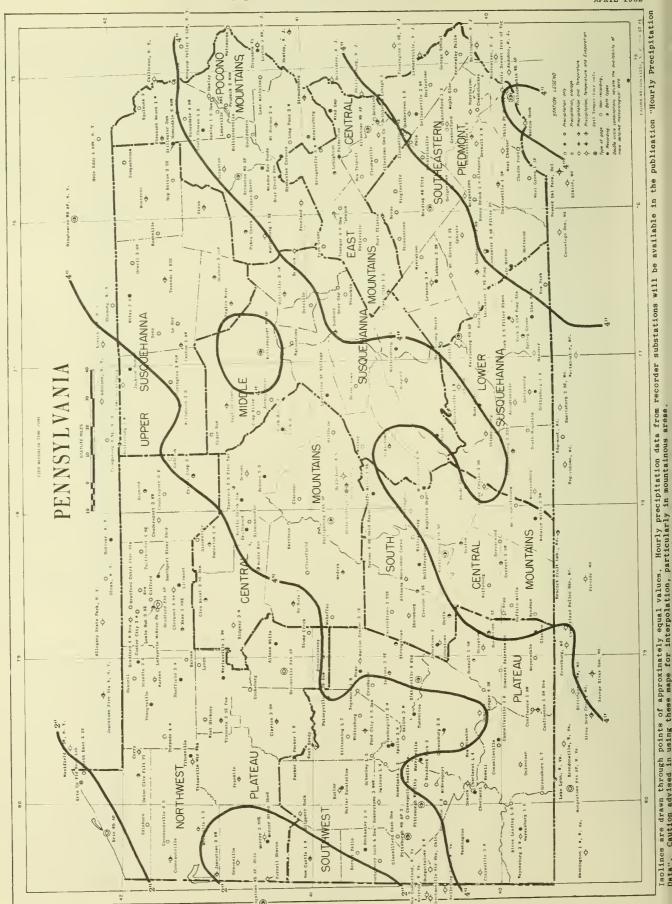
																Day	of m	onth															
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	23	24	25	26	27	28	29	30	31
ALLENTOWN WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV												Т	т		Т	Т																
AUSTINBURG 2 W	SNOWFALL SN ON GND		2.0	т	т	т	т							2.0	T T	T	T T							-									
BRADFORD FAA AIRPORT	SNOWFALL SN ON GND	2.8	T 2	1	1								1.4	1.6	.4	.3 2	T 2		Т	Т													
BRADFORD 4 W RES	SNOWFALL SN ON GND	4.0	.5	2											T T	T T																	
BROOKVILLE FAA AIRPORT	SNOWFALL SN ON GND	1.0 T	T 1											Т	.6 T	.7 i			T T														
CANTON 1 NW	SNOWFALL SN ON GND		1.2											4.4	3	т	T T																
CARLISLE	SNOWFALL SN ON GND															T		i								1							
CARROLLTOWN 2 SSE	SNOWFALL SN ON GND		.1 T	т										r <sup>1</sup>	3.0	5.0	T 2	1	т	т													
CORRY	SNOWFALL SN ON GND		.3 1	т										1.0 T	5.0	3.0 T	. 5																
DONEGAL	SNOWFALL SN ON GND	Т												-	Т	-				Т	-							И					
DU BOIS 7 E	SNOWFALL SN ON GND	1.0	. 5 T	т									T	.5 T	. 5 T	1.0 T	T		Т	Т									ļ.				1
ENGLISH CENTER	SNOWFALL SN ON GND	T	T T	т	т	т	Т									T	T																
ERIE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	.8 3 .5	3	т										Т	Т	. e	Т		Т								l						
FORD CITY 4 S DAM	SNOWFALL SN ON GND	Т	Т												Т	1.0	T										1	V					
GALETON	SNOWFALL SN ON GND		1.0											3.0	T T		1	5									Ĭ.						
GEORGE SCHOOL	SNOWFALL SN ON GND															Т	Т											П					
GREENSBORO LOCK 7	SNOWFALL SN ON GNO		T T												Т		Т				T												
HARRISBURG WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV															Т																ŀ	
HOLTWOOD	SNOWFALL SN ON GND																Т															n	
INDIANA 3 SE	SNOWFALL SN ON GND		T												T	2.3	Ť	<u>1</u>															
KANE 1 NNE	SNOWFALL SN ON GNO	1.8	3.0	2										1.0 T	2.3	T	1.3	2	Т													1	
LANCASTER 2 NE PUMP STA	SNOWFALL SN ON GNE									ł						Т				1													
LAWRENCEVILLE 2 S	SNOWFALL SN ON GND		Т										T T			T	Т							1	1								
MARTINSBURG FAA AIRPORT	SNOWFALL SN ON GNE	Т	т	:										Т	T T	Ť	7							1	1								
MEADVILLE 1 S	SNOWFALL SN ON GND		2.7	т	T T	Т					Т				2.5	1.3	2 2	т						3	8								
MEOIX RUN	SNOWFALL SN ON GNE		.8							1				Т	Т	1.1			.: T	Т			ă.								ì	١.	
MONTROSE	SNOWFALL SN ON GNI		1.0	Т										5.0	2.5	3	2 1.6	T C	2 т	T	T		1								1	ŀ.	
PHILADELPHIA WB AIRPORT	SNOWFALL SN ON GNI WTR EQUIV															Т	Т					1	ľ					ı					1
PHILIPSBURG FAA AIRPORT	SNOWFALL SN ON GNI	-	-										-	1	1	3	2			-		1	ŭ.									1	1
PITTSBURGH WB AIRPORT 2	SNOWFALL SN ON GNI WTR EQUIV	1	T											Т	.:	j į	5 T		Т		n	l	ı									1	1
PLEASANT MOUNT 1 W	SNOWFALL SN ON GND									1				4.6	1.0	1.0	5	3 .:	2	1	U						1					1	Ш
READING WB CITY	SNOWFALL SN ON GNO											1				т		ļ.			1					ł			Î	۲			
SCRANTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	.1											.2	2 .1	Т	2.	5 .:	1													1		ľ
SHIPPENSBURG	SNOWFALL SN ON GNI										1			T	T T	T	T			T T								1		1			
SLIPPERY ROCK	SNOW FALL	3.0	1								1					1.1	т													1			
TIONESTA 2 SE DAM	SNOWFALL SN ON GNI	4.0	2.0	т	Т	Т									1.0	i i	5 T		T	Т										1		1	
TOWANDA 1 ESE	SNOWFALL SN ON GNI		T													T	1.																

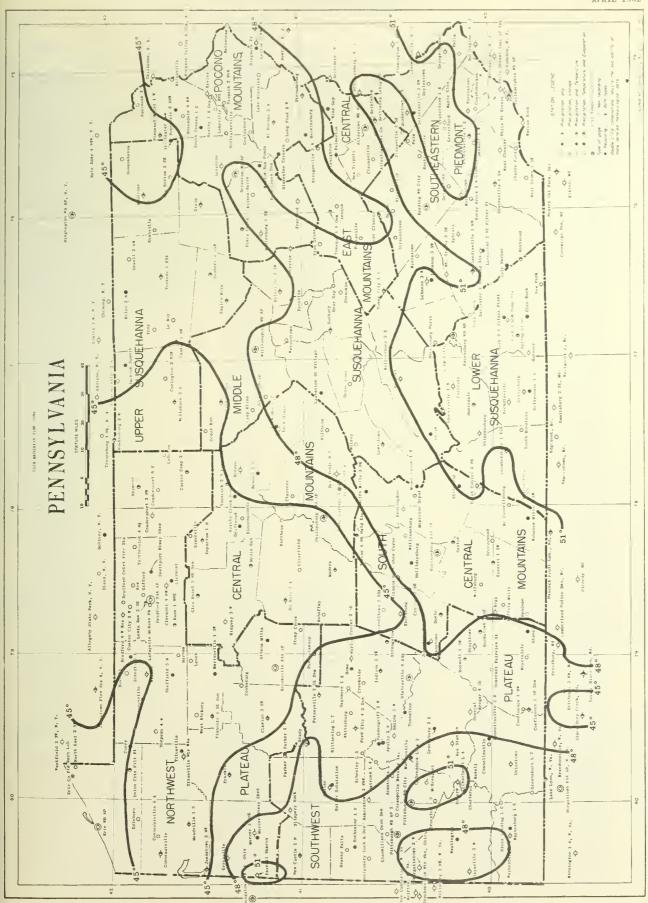
CONTINUED

# SNOWFALL AND SNOW ON GROUND

PENNSYLVANI

Station																Day	of m	onth														_
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WILLIAMSPORT WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV		Т										т		Т	, 5 T	Т															





Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

ACHETONIA LOCK 3 0027 ALEGNEYS 1 4 0 27 79 03 78 07 78	MATER SVC. CO.  LAIN TO FREST. + VITS. R. WADDELL WH TRIBUVE JOHNSTONN A. ANGERSON J. HOVE PRICE COMM- F. ENGINEERS F. ENGINEERS F. ENGINEERS F. ENGINEERS F. ENGINEERS F. ENGINEERS E. WATER BUR. E. WATER BUR. E. WATER BUR. E. WATER BUR. T. COLLEGE T. OF VELFARE F. TO CLEARE F. T. COLLEGE T. OF VELFARE F. MOMLAND
AMERIONIA LOCK 3  OSP2 ALEGNEYS  ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY CORPS OF ENGINEERS  ALEGNEY ALEGNEY CORPS OF ENGINEERS  ALEGNEY CORPS OF	DOROSH LEMMAN WATER SVC. CO. LAIN FRST. + WTRS. R. WADDELLE WHO MAN TOWN MONSTOWN A. ANDERSON J. HOVE FOR TOWN T. HOLE COMMAN T. HOLE COMMAN T. WAD TOWN T. WAS TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN
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ARTHOUSYLLE 0229 ADAMS 13 3 9 55 77 18 710 93 08 A ALSTIANUSE WAS ASSESSION DATE OF THE PROPERTY OF THE PROPER	WM TRIBUNE JOHNSTOWN A. ANDERSON J. HOWE NDIRE COMM. FENGINEERS FENGINEERS FENGINEERS FENGINEERS FENGINEERS FENGINEERS FENGINEERS FENGINEERS BETHLEHEM LITYS BETHLEHEM LITYS BETHLEHEM LITYS BETHLEHEM LITYS BETHLEHEM LITYS BETHLEHEM LITYS BETHLEHEM LITYS BETHLEHEM LITYS LITY LITYS LITYS LITYS LITYS LITYS LITYS LITYS LITYS LITYS LITYS LI
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## PED. AVIATION AGENCY ## PED	
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# STATION INDEX

CONTINUED																						APRIL 170
STATION	X MO.	COUNTY	AGE 1	TITUDE	LONGITUDE	ATION		SERV/ IME / TABL		OBSERVER	STATION	X NO.	COUNTY	AGE 1	TITUDE	NGITUDE	ATION		TIME TAB	LES	D	OBSERVER
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STUMP CREEK SUNBURY SUNDUFMANNA TAMAQUA TAMAQUA & N DAM	8668 8692 8759	JEFFERSON NORTHUMBLAND SUSQUEHANNA SCHUYLKILL SCHUYLKILL	14	41 01 40 52 41 57 40 48 40 51		1020	7.A	7A 7A 7A 8A 7A	c	CORPS DF ENGINEERS CHARLES W. BAYLER WRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WTR. CD.	WIND GAP WOLFSBURG YORK 3 SSW PUMP STA YORK 2 S FILTER PLANT YORK HAVEN	9823 9933 9938	NORTHAMPTON BEDFORD YDRK YORK YDRK	15 15	40 51 40 03 39 55 39 56 A0 07	75 10 78 32 76 45 76 44 76 43	390 6A0	5 P	7A 5P 8A		c	WAS. MARY D. HDELZEL WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY METROPOLITAN EDISON CO
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<sup>1-</sup>ALLEGHENY, 2-BEAVER; 3- 4-CONEMAUCH, 5-DELAWARE, 6-JUNIATA, 7-KISKIMINETAS, 8-LAKE ERIE, 9-LEHIGH, 10-MONONGAHELA, 11-OHIO, 12-POTOMAC, 13-LAKE ONTARIO, 14-SCMUYLKILL; 15-SUSQUEMANNA, 16-MEST BRANCH, 17-TOUGHIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes" Table: "Daily Precipitation" Table: "Daily Tamparature" Table: and "Furnamental and Wind" Table: and Growfall in the

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index,
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

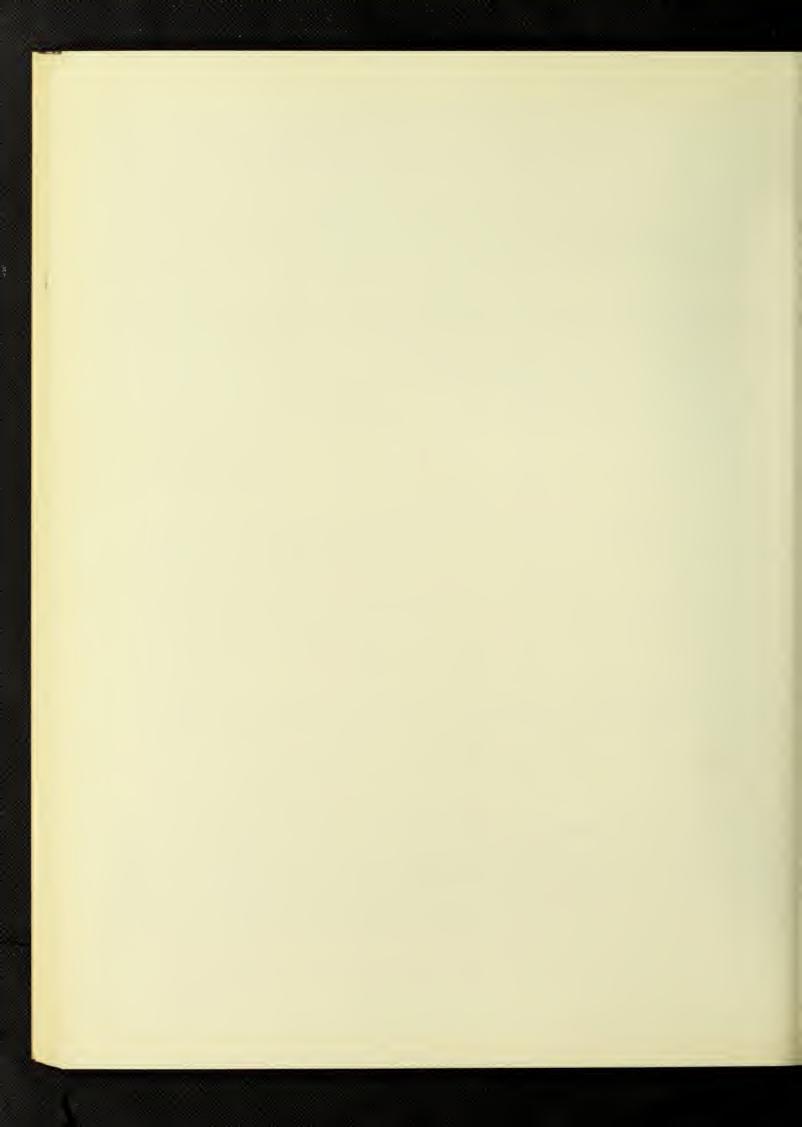
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 6/5/62 --- 1075





11.05 1P

# U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

MAY 1962 Volume 67 No. 5



THE LIBERTY OF THE JUL 22 1962 University of Illingis

#### PENNSYLVANIA - MAY 1962

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 19th at Marcus Hook

Lowest Temperature: 18° on the 10th at Coudersport 3 NW

Greatest Total Precipitation: 5.43 inches at Reading WB City

Least Total Precipitation: 0.80 inch at Paupack 2 WNW

Greatest One-Day Precipitation: 3.30 inches on the 31st at Reading

WB City

Greatest Reported Total Snowfall: 1.0 inch at Montrose

Greatest Reported Depth of Snow on Ground: Trace on the 8+ at 5 stations

#### SPECIAL WEATHER SUMMARY

May was noted for its variety of weather. Frost and freezing temperatures were reported as late as the 10th as far south as Lancaster County while record May heat was noted from the 18th through 20th as the mercury soared into the 90s. Thunderstorms were numerous throughout the month but relatively little rain was produced, certainly not enough to alleviate the spring dryness that developed during April and continued unabated through May. Rainfall totaled one to 3 inches generally leaving deficits from normal of one to 3.25 inches over the greater portion of the state. Dryness was most acute in northeastern counties where rainfall totaled less than one inch for one of the driest Mays of record. In the Reading area, however, the dry spell was alleviated abruptly on the 31st when an early evening thunderstorm produced 3.20 inches of rain

in a 2 hour period.

The most severe thunderstorms were those of the 24th when hail, from pea to golf ball size, fell in southeastern counties. Glass breakage in windows of homes, schools greenhouses and other commercial buildings exceeded \$100,000. During the same period a small tornado developed in Bucks County just north of Washington Crossing. Damage, however, was relatively light, confined mainly to a number of trees in Washington Park where the tornado crossed the Delaware River into New Jersey.

Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

# CLIMATOLOGICAL DATA

PENNSYLVANIA MAY 1962

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ROUDSBURG BYHANNA	74.3			1.	95	19	27 24		201 258	4	0	1	0 0	1.90 1.54		•93	3 24	T	0			6	1
DIVISION			59.4	2 .	1									1.23	- 2.93			-1		-			
EAST CENTRAL MOUNTAINS ENTOWN WB AP R	1																						
ENTOWN WB AP R ENTOWN GAS CO HLEHEM LEMIGH UNIV MERTON T CLINTON	74.6 74.4 71.3 73.5 74.2	50.6 55.4 50.3	62.5	1 . 2 . 2 . 2 . 2 . 2	97 93 95	19 20 19 19 20	33 32 42 31 23	10 10+ 10	148 159 151 168 217	3 3 4	00000	0 1 0 1 2	00000	1.96 1.36 1.64	- 2.82 - 2.12 - 2.49 - 2.24 - 2.32	•58 •64 •76 •60	24 24 24	•0 •0 •0 T	0 0			4 5 3 5	1 1 1 1 1
DIVISION			62.0	2 • 1											- 2.64		-	.0	0			6	1
SOUTHEASTERN PIEDMONT																		,					
TESVILLE 1 SW AULT 1 W RATA RGE SCHOOL TERFORD 1 E	75.5 75.4 75.1 72.9 73.1		63.3 62.6 63.7 61.1 60.8	2 • 0 - • 4	95 96		37 36 31	10 13+ 10 10	148 153 121 183 189	4 3 4 3 3	00000	0 0 1	00000	1.64	- 2.33 - 2.02 - 1.98	1 • 27 • 75 • 68 • 87 • 50	24 24 24 3 24	•0	0000		1	5	1 1 1 2
TWOOO CASTER 2NE PUMP STA STORM 3 W CUS HOOK	74.6 77.9 73.4 73.9 75.7	55.5 49.2 51.2 52.2 56.9	65.1 63.6 62.3 63.1 66.3	1.7 1.4 1.6	91 95 92 95	20+ 19+ 20+ 20	29 35 39	10	101 121 156 141 102	3 4 4 4 3	00000	0 1 0 0	0 0 0	1.29 1.46 1.75 2.58	- 1.96 - 2.44 - 1.65	•72 •67 •76 1•42	24 24 24 2	•0	0 0 0		4	2	1 1 1 1 1 1 1 1
SANTOWN SRETNA 2 SE RISTOWN - - DREXEL INST OF TEC -ADELPHIA WB AP R	75.6 75.0 77.1 76.1 75.1	50.3M 50.4 53.8 56.1 53.1	63.0M 62.7 65.5 66.1 64.1	1.5	93 93 98 97	19+ 19+ 19	28 30 38 43	10	132 149 108 107	5 3 4 4	0000	1 0 0	00000	1.58 3.16 1.49 1.57	- 2.04	.82 .57 1.72 .90 .89	24 24 24 24 24	•0	0 0 0 0		4 4 4 3		1 0 2 1 1 0 1 0 1
LADELPHIA PT BREEZE ENIXVILLE 1 E KERTOWN 1 E JING WB CITY R I CHESTER	75.2 76.7 75.8 75.9	56.8 50.8 48.9 54.6 51.9	66.0 M 62.8 65.2 63.9	1.4 2.4 1.9 1.4	96 96 95	18 19 19+ 19+	46 1 30 1 29 1 40 1	2+	133 103 143 115 134	3 4 3 4	0 0 0	0 1 1 0	0 0 0 0 0	1.53 1.57 1.95 5.43	- 1.89 - 2.23 - 2.60 - 2.21 1.64 - 2.66	1.36 .85 1.05 .67 3.30	24 24 25 31 24	•0	0 00000		4 3 5 6	1 1 1 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DIVISION	1		63.7	1.1										1.93 ~		• 70	24	•0	0		4	1	1 0
OWER SUSQUEHANNA																		*0					
DTSVILLE ERVILLE 1 N ISLE BERSBURG 1 ESE YSBURG	76.8 75.2 78.5 76.7 76.2	52.7 52.0 53.7 51.2 54.6	64.8 63.6 66.1 64.0 65.4	3.3 2.8 1.9 2.4	95 93	21+ 19 19+ 19+ 20+	34 1 34 1 33 1 30 1 36 1	0 0	116 129 90 124 107	4 5	0 1	0 0	00000	2.22 - 1.86 - 2.22 - 2.47 - 2.23 -	2.62 1.91 1.63	.94 1.22 1.03	2 2 24 31	•0	0 0 0		3 3 3 7	2 2	1 1 2 1 2 0
VER ISBURG WB AP R ERSBURG PENSBURG 3 SSW PUMP STA	77.9 76.2 76.7 78.3 79.8	52.6 53.6 52.0 52.5 52.0	65.3 64.9 64.4 65.4 65.9	2 • 3 2 • 2	96 95 95 93	20	34 1 32 1 31 1 32 1	0	109 120 125 94	4 4 4 4	0 0	0 1	0	1.65 -	2.38	.65 .83 .86 .96	24 1 2 24+	•0	0 0 0		5 7 9 6	1 2 3 2	0 0
IVISION		1200	65.0	2.6	95	9+	29 1	٦	83	6	0 1	0	0		2.72	• 62	24	• 0	0		5	2	
DOLE SUSQUEHANNA	1													2.28 -	1.89			•0					
ICK ISH CENTER STOWN VILLE 2 SW DRT	78.7 73.9M 78.1 72.8 77.0M	50.8 42.9M 51.6 47.8 51.5M	64.8 58.4M 64.9 60.3 64.3M			0+ 6 0+	28 16 24 11 31 11 29 16 38 11	1+	246 126 192	6 0	2 2	000		2.95 2.07 1.24 2.53		1.26 1.23 .70 1.13	31 21 2 21	•0	0 0 0		6 4 4 7	1	1 1 0 1
JRY R CITY I S LAMSPORT WB AP	76.7 72.2 75.7	49.5 49.2 50.9	63.1 60.7 63.3	2.9	96 1	9+	28 10 28 10 31 10		145	3 0	2	0		1.91 -	2.69	.84 .40	21 2	.0	0		8 5 7	1	0
VISION	1		62.5	1.8	1		1		137	5 0	1	0	1		1.47	.81	24	T	0		6		
PER SUSOUEHANNA				*										2.18 -	2.10			T					
NBURG 2 W N 1 NW NCEVILLE 2 S	72.5 69.6 75.5 75.8	45.8 47.0 44.4 45.9	59.2 58.3 60.0 60.9	3.3	91 1 88 1 92 2 92 1	9	24 10 30 8 25 11 22 10	+	237 1 254 0 207 5	0	2	00		1.52	2 00	•45 •36	24 21 24	T • 0	0 0		5 4 3	0	0 0 0
DSE DA 1 ESE BORO 3 S	74.8 69.8	47.4 46.4	57.4 61.1 58.1		87 2 91 1	0+ 2 3 2	29 10	1	72 0	0	3	0		1.41 -	2.80	•31	24	1.0 T	0	8	5		0 0
VISION			59.3	2.8	87 1	3	30 9	2	60 0	0	2	0		1.07	3 05	• 25	24	Т	0		6	o	
NTRAL MOUNTAINS													1	1.20 -	2.90			•1					

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			1						_		of Do	<u> </u>			_	<u>~</u>	-	Sno	w, Sleet	_	<u> </u>	of Doy
Stotlon	Average Maximum	Average	Average	Departure From Narmal	Highest	Date	Lawest	Dote	Degree Doys	Above X	+	Min.	Totol		Departure Fram Narmal	Greatest Day	Date	Tatol	Mox. Depth an Graund	Dote	5	.50 or More
ELLEFONTE 4 S U BOIS 7 E MPORIUM 1 N OCK HAVEN AOERA	76.8 75.2 71.9 77.6 74.2	49.2 47.2 43.8 48.7 45.2	63.0 61.2 57.9 63.2 59.7	1.8	88 90 96	19 19+ 17 19+	25 23 29	10 10 10 10	153 169 259 145 204	7 0 1 6 0	000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 · 2 · 2 · 2 ·	53 46 27 41 -	- 1.90	.40 .77 .77 1.00	3 2 24 21 1	•0	0 0 0 0		6 7 7 7 6	0 0 1 0 1 0 1 1 1 0
HILIPSBURG FAA AP ENOVO RIOGWAY TATE COLLEGE	70.7 79.1 74.7 74.9	46.4 45.7 45.0 52.6	58.6 62.4 59.9 63.8	3.8	96 90	15 17+ 19+ 19+	29 25	10 11+ 10 10	233 162 205 138	0 7 2 6	0	2 (4 (5 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	3.	37 -	- 3.02	.39 .30 1.81 .46	8 24 24 3	•0 •0 •0 T	0 0 0		6 9 4	0 0 0 1 1 0 0
OIVISION			61.1	3.3									2.	.05	- 2.36			'				
SOUTH CENTRAL MOUNTAINS															2 42		,				6	1 0
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW HUNTINGOON	75.7 78.7M 73.5 76.8 79.5M	50.6 50.7M 47.1 53.6 50.4	63.2 64.7M 60.3 65.2 65.0M	4.1 3.5 4.6	91 93 88 93 96	19+ 18+ 21	29	12+	141 111 195 111 117	2 4 0 5 8	0 0 0	1 4 0	2 2 2 2	.26 .86	- 2.62 - 1.75 - 2.73	• 55 • 80 • 66 • 52 • 44	2 24 2 16	•0	0 0 0		7 8 7 5	1 0 1 0 1 0 0 0
JOHNSTOWN KEGG Martinsburg faa ap	77.7 76.2 76.3	52.8 50.2 53.6M	65.3 63.2 65.0M	4 = 4	94	17 18 14	32	10 10 10	115 140 101	7 4 7	0 0 0	1	0 1	·89 ·83 ·74	- •63	.90 .60 .68	16 28 31	•0	0 0		11 7 5	3 0 1 0 1 0
OIVISION			64.0	4.3									2	•26	- 1.96			•0				
SOUTHWEST PLATEAU														2.2		70	19				8	3 0
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETTSTOWN 2 W BUTLER CLAYSVILLE 3 W	80.6 74.1 78.7 78.2M 79.7	53.0 53.0 47.3 49.1M 49.2	66.8 63.6 63.0 63.7M 64.5	3 • 8 4 • 4	88 91 93	19+ 16+ 19+ 19 18+	35 39 34 34 33	10 10	83 131 127 135 95	8 0 4 5 5	00000	000	0 3 0 2 0 2	.39 .07 .48 .01	- 1.97 - 2.36	.79 .85 .66 .42 .48	28 31 9	•0	0000		9 7 7 5	1 0 0 0 0
CONFLUENCE 1 SW OAM OONEGAL OONORA FORO CITY 4 S OAM INDIANA 3 SE	76.5 75.3 81.3 77.1 76.9	49.1 48.6 54.4 49.2 48.3	62.8 62.0 67.9 63.2 62.6	4.5	89 89 94 91	19 19 16 19 18	34 33 41 32 31	3 10+ 10	132 155 57 139 141	0 7 3 4	00000	0 0 0 1 1	0 2 0 2 0 2	.48 .95 .15 .36	- 1.67	.50 .90 .61 .47	1 8 24 16	•0	0 0		6 8 8 8	1 - 1 -
MARION CENTER 2 SE MONTGOMERY LOCK ANO OAM NEW CASTLE 1 N NEWELL NEW STANTON	74.7 80.5 80.6 81.1 79.7	50.3 51.8 50.7 53.9 50.3	62.5 66.2 65.7 67.5 65.0	5.9	89 94 91 93 97	18 18 18+ 17	36 37 34 40 36	10	142 74 93 67 97	7 7 8	00000	00000	0 2 0 1 0 2	.58 .07 .92 .70	- 2.08	•52 •35 •62 •55 •80	9 24 21 27- 28-		0 0		7 7 7 7 9	3 (
PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE 0AM SALINA 3 W SLIPPERY ROCK	77.5 78.5 76.0 77.6 78.1	53.0 57.2 48.9 49.5 52.0	65.3 67.9 62.5 63.6 65.1	5.5 4.9	91 90	18 18 19+ 18+ 18	40 43 30 33 32	9 10 4	100 63 150 119	6 4	00000	0 1 0 1	0 2	1.87 2.28 2.19 3.12 1.61	- 2.04 - 1.47	•54 •73 •44 •84	31 19 1 28	.0	0 0		6 6 8 6	1 0 0
STOYSTOWN UNIONTOWN WAYNESBURG 1 E	72.9 79.8 79.2	49.0 55.2 49.3	61.0 67.5 64.3	5.0 3.3	91	19 15 17	34 39 34	10	169 55 105	4	0 0 0	0 0 0	0	3.02 2.38 1.43		•76 •60 •42	24	•0	0		8 5	1 1
OIVISION			64.5	4 • 5										2.45	- 1.77			• 0	<u> </u>			
NORTHWEST PLATEAU																	20	, ,				3 1
BRAOFORO FAA AIRPORT BRAOFORO 4 W RES BROOKVILLE FAA AIRPORT CLERMONT 4 NW CONNEAUTVILLE	70.0 73.5 74.6 72.5 76.3	45.7 42.2 47.1 43.8 47.3	57.9 57.9 60.9 58.2 61.8			14	21 21 21 21	10	25: 24: 17: 25: 17:	0 5 2 3 2	000	2 7 1 6 4	0	2.70 2.43 2.79 3.12 2.09		.75 .62 .99 .95	2 23 24	• (	0 0			3 1 7 1 3 2 5 1
CORRY COUGERSPORT 3 NW EAST BRADY ERIE WB AIRPORT FARRELL SHARON	74.6 70.4 81.8 72.2 80.6	41.5 50.7	60.9 56.0 66.3 62.6 67.9	6.2	87 95 88	18 16 18 20 14	3	8 10 10 2 10 5 10 9 9		9 0 5 9 8 0	0 0 0		0 0 0	3.09 3.25 2.90 1.45 2.10	- 2.09 - 1.74	•79 •81 •40 •52	31 31 23		0 0 0			8 1 8 1 7 2 6 0 7 1
GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEAOVILLE 1 S MERCER 2 NNE	80.4 75.2 73.3 75.1 77.0	48.7 41.0 49.0			90 88 90	18 15 19 19 19	+ 2	1 10	16 26	0 1 2 0 6 1	00	7	0000	1.68 2.97 2.19 2.45	- 1.82	1 • 5 · 6 · 6 · 5	24 24 24 3		0 0 0			9 0 5 1 7 1 5 2 8 2
TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN	75.4 73.2 75.6	43.9	62.1	4.	9 9	19 7 18 0 20	2	5 10	21	4 0	0	6	0	2.91 2.87 3.68	5 - •59	-	2   1		0 0			7 3 8 2 7 3
OIVISION			61.2	3.9	7									2.59	1.96							

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Station	Total	1	2	3	14	5	6	7	8	9	10	11	12	Day	of M		16	17	10	10.	00 7	01	00	Loo		0.7				- T	T	
ACMETONIA LOCK 3 ALLENTOWN WE AP R ALLENTOWN OAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE	2.72 1.26 1.96 1.85 2.22	.34 .03 .38 .55	· 2:	.14			T • 0 3	.10	T •24	.36		Y	1 .02	•01 •03 •03	14	15	16	.16	18	.03	1.04	-04	7	7 .02	.24 .50 .64	.37	26 T	.05		29 • 3 T T	30 f	31
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK DAN BEAR OAP	1.92	.58 -08		. 31	-		• 0 6	•05	• 08 • 36	.10 .02 .21			***	•02						.79	T .03 1.68	-10 -43		.01	.57 .58 .50 .69	.09	•02	.OT	.26	.05	•01	.49
BEAVER FALL5 SEAVERTOWN BECMTEL5VILLE SELLEFONTE 4 S SERNE	2.T3 2.20 3.75 1.53 1.63	•33 •15 •04 •12 •21	.21 .41	.16 .21 .31				. 24 .05	Ţ	.31 .29 .11 .31			+08	.04 .11			.05				.89 .11 .TO	.52 .06 .54 .10			.17 .20 .88 .12			.09	.05 .11 .04	.12 .0T T		-20
BERWICK BETHLEHEM BETHLEHEM LEMIGH UNIV BLAIRDVILLE 6 ENE BLOSERVILLE 1 N	2.95 1.60 1.36 3.0T 1.86	.01 .01 .41	.36 .21 .22 .29	.23			•04 •01 •23		•29 •10 •40	.14		T • 0 1 T	т	T +04		•16 •14	T •01	T .06		. 30	.09	.60 .05		Ť	.20 .50 .T6 .22	.4T		•12		.07		1.26
BOSWELL 1 SW BRAOOOCK LOCK 2 BRAOFORO FAA AIRPORT BRAOFORO CNTRL FIRE 5TA BRAOFORO 4 W RES	3.61 2.95 2.70 2.25 2.43	•51 •67 •31 •10 •10	.21	• 20 T • 06	•05		• 25	.18 .23	T •25 •03 •22	.50 .42 T .24			T T	.04 .02 T	T		.04	Т		7 .03	.06 .52 .18	•21		. 75	•56 •30 •03 •48 •43	T	T T	•13 •02	16 •04 T	.31 .19	.39	.31 .34 .33 .22
BREEZEWOOD BROOKVILLE FAA AIRPORT BRUCETON 1 5 BUFFALO MILLS BURGETTSTOWN 2 W	1.98 2.79 1.24 2.67 2.48	•36 •19 •17 •49	.06 .02 .18	•06 •27			•08	.04 .06 .08	• 48 • 26	.42 .18				•12 •05		т	.20	.05		•03	•13 •15 •01	*10 T		. 99	•22 •23 •30 •20		Т	.13 .01	.16 .20 .44	.65 .08 .35	• 02	•4T
BURNT CABINS 2 NE BUTLER CAMP KLINE CANTON 1 NW CARLISLE	2.26 2.01 2.43 1.0T 2.22	•27 •18 •07	.80 .31 .33 .29	.22 .06			т	.05 .1T	*18 T T *13	.42 .34 .10				•06 •07 •02		• 06		.10			.30 T	•34 •42 •45	т		.10 .28 .62 .13			.08	.31 .24 .06	.03		.04
CARROLLTOWN 2 SSE CARTER CAMP 2 W CEOAR RUN CHAOD5 FORO CHAMBER5BURG 1 ESE	3.52 1.50 1.82 1.50 2.47	.83 T .12 .4T	• 22 • 18 • 22 • 03 • 50	• 25 • 25			• 05	+08 T	•07	.33 .22 .05		т		.05			.02	•61		.05	.01 T	•30 1•05 •08		.05	.5T .50 .25 1.09	+02		.10		•22 T		•21 •02 •59
CHARLERO1 LOCK & CLAMENCE 1 E CLAUSSVILLE CLAYSVILLE 3 W CLEARF1ELO	2.41 2.44 1.72 1.72 3.07	•15 •05 •22 •43 •32	.03 .20 .13 .03	• 29	т	T		.02 T	T T • 0 3	.61 .26 .48		т	T +23	.04 .03 .01 .03	Ť		.64	т			.04 .35	.60 .31	Т	т	.12 .06 .38 .26	•15	•0T	•41 T	T .05	.21 .05	т	•59
CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 5W OAH CONFLUENCE 1 NW CONNEAUTVILLE	3.12 1.84 2.48 2.67 2.09	•11 •16 •50 •66 •63	.37 .02 .04 T	•11 •03 T T	T T		• 2 9	.18 .01 .08	T T • 05	.09 .11 .38 .39		т	-10	.08 .02 .02		T	.03 .03	т			.18	•61 •08			.95 1.27 .31 .51	Т	• 02	.05 .34 .38	T .41 .19 .06	.03 1 .36	Т	.41 .02
CONNEAUTVILLE 6 E CONNECLSVILLE CONSHOHOCKEN COOKSBURG CORAOPOLIS NEVILLE 15	2.09 3.2T 1.97 3.11 1.89	.44 1.24 .26 .29	•10 •02 •05 •42 •08	T •11 •30 •06 •02			.10	.28 .05 T .06	•04	.12 .52 .10 .26			.58	•01	• 01	1	т				•46	• 35			.28 .19 .84 .95	.03	• 03 T	+20	.05	.07 .30 T .05	.07	.70 .09
CORRY COUDERSPORT 3 NW COVINGTON 2 WSW CREEKSIOE CRESSON 2 SE	3.09 3.25 1.25 2.04 2.62	.44 .02 .27 .41	.35 .49 .20 .16	•02 •24 •13	•02		.44	.30 .10 T	•21 T •04	.02 .22 .07 .47 .27				*01 *0T			•02	. 94			•23 •14 •15 •16	.49 .17		• 41	.43 .4T .27 .35			.05 .03	т	.45 .20		.53
OANVILLE OEVAULT 1 W OIXON OONEGAL OONORA	1.91 1.64 1.05 2.95 2.15	.34 .04 .90	.30 .2T .05 .14	•10 •31 T			•15	T •04	.0T	•30		.15 T	.03	·03		* 05 T	T T	Т		*14 T	•12	•T5		.03 .05	.46 .75 .36	T -23 T	•22 •12	.06	.31		.08	.08 T
OOYLESTOWN 0015 T E OUSHORE 2 55W EAST BRADY EBENSBURG	2.58 2.46 1.95 2.90 2.86	.05 .14 .20 .29	.30 .TT .42 .64	.09 .16		T	·03	T •0T	.09 .34 T	T •12		+10		T		•09 •40 T		.02		.03	•12	•07			1.92 .48 .30			.07	.21 .31	T +21	•10 T	•12 •81 •46
EMPORIUM 1 N ENGLISH CENTER EPHRATA EQUINUNK 2 ERIE W8 ATRPORT	2.27 2.0T 1.81 .82 1.45	•05 •18 •04 •17	•27 •25 •22 •03	.34 .18			T .32	•06 T T	•30 •09 •10	.18 .05		•05	т	*11 T *05	• 06		.05					•21 1•23 •30 •04		•40	.7T .36 .68 .26	•03	т	١	T T •03		• 32	•12
EVERETT 1 5W FARRELL SHARON FORO CITY 4 5 OAM FREELANO GALETON	2.25 2.10 2.36 - 1.46	•28 •52 •36	•52 •14 •07 T	.18			•18	•40 •10 •04	•25 •01 •10	•13 •44 •36 •16				•02			.04	.05			•22	•01 ~ •15			•24 •22 •4T •12 •67	.18		•20	.41	•22 •16	•04	•39
GEIGERTOWN GEORGE SCHOOL GETTYSBURG GLEN HAZEL 2 NE OAM GLENMOORE	1.83 1.97 2.23 2.55 1.54	.05 .02 .25 .02	.02 .05 .65 .13	.0T .87 .2T .11				.02 T	T •01	.08 .13 .09 .21			.18 .09 .0T	.06 .01 .03							.23 .15	.42 T .17	T		•54 •75 •63 1•14	.39 .02 .18	T •02	.03 .01	.01	•0T •06	.03	.02
GLENWILLARO OASH OAM GOULOSBORO GRATERFORO GRATERFORO 1 E GREEN580RO LOCK T	1.49 1.99 .93 1.00 1.64		•09 •01	T •23 •13 •24			т	•17 •03	т	.28 .20 .05			•15 •16	•02 T			.01				•03	•28			.32 .3T .55 .50	.04 .05 .10	•02	.05	•03	•12		.54
GREENVILLE HANDVER HARRISBURG WB AP R HARRISBURG NORTH HAWLEY	2.03 1.65 2.96 1.91 .93	.86 .03 .02	.28 .31 .36 .44	.09 .20 .35	т		•11	T • 02 T	•23 •12 T	T •13 •19		•01	T *01	T •01 •05	•01 •02	т	.03 •11			. 26	•06	T -04 -04		.24	•11 •83 •62 •53 •10	.12 T .31	•01 T	•1T •02 •04	•15 •0T T	•13	• 2 2 T T	.30 .32
MOLLISTERVILLE HOLTWOOD HONESOALE 4 NW HONEY BROOK 1 W HOP BOTTOM 2 SE	1.01 1.29 1.05 1.19 1.29	•01 •03 •02 •03 •02	.07 .02 .01 .05	.22 .16 .17 .05				.04 T .01 T	•01 •10 •05	.1T .05 .20 .09			•03 •11	.04	т		•17 •26		.05			.16 .06 .03 .09			.22 .72 .21 .TO	.01 .06 .03		.OT		T •03		т
HUNTSOAN HUNTSOALE HYNOMAN INDIANA 3 SE JAMESTOWN 2 NW	1.41 2.20 1.98 3.24 1.68	.09 .03 .10 .44 .53	.23 .T1 .25 .07 .26	•24 •17 •20 •06	Т		.02	.03 .06 .16	T • 05	•12 •11 •46 •44 •14				T •03 •10			•44 •T3	.08	т		T •16 •11				.05 .T1 .28	.06		.03 .26 T	.01	*16 *11 *31 *56	T T	T •55
JERSEY SHORE JOHNSTOWN KANE 1 NNE KEGG KETTANNING LOCK 7	2.41 3.89 2.97 1.83 3.36	•23 •27 •21	•51 •34 •32 •28 •02	.20 .18 .20 .06			.18	.08 .11 .32	•03 •27 •01	.20 .41 .28				.06 .09 .05			.90 .20 .22	•14	•09		•40 •10	•41 •08			•47 •51 1•25		т	.03	.03 .20 T .60	.03 .15 T	.10	.59 .19
KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA LANOISVILLE 2 NW	1.06 1.06 1.61 1.46 1.75	.06 .08 .03 .04 .03	.08 .08 .03 .27	.22 .09 .31 .15	•03		т	T •04 •01	•05 •08	.29 .1T .14 T		•03	• 03	·12 •11	• 02		•26 •28 •77					.40 .05 .05 T	Т	т	.28 .20 .09 .67	.21 .08 .11	т	.04	•02 T		T T	

Continued	T_7			_			_								- ( -										_					MAY	
'Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of M	lonth 15	16	17 18	B 15	20	21	22	23	24	25	26	27	28	29	30	31
LAWRENCEVILLE 2 S LEBANON 3 W LEHIGHTON	1.11 2.58 1.82	+05	.21 1.42 .10	•04 •29 •26			•05	•02	-10 T	.16			.04	•06			.01				• 20 • 12			•51 •24	•13		.02		.01	.01	
LE ROY LEWIS RUN 3 SE	1.34	•55 •08	.11	.05				•04 •21	.05	•25 •06 •51				•01			.10				•45 •36 •34			•25 •12 1•13	.38				Ť		.26 .
LEWISTOWN LOCK HAVEN LONG PONO 2 W	2.41	•13 •02 •03	•70 •29	•13 •23				.01 T	т	•13				₹ •18	•01		•02	т		.0	1 8 1.00			.05	т			+02	•06 •03	Т	
LYNCH MAOERA	1.24 4.55 2.24	• 50 • 87	•12 •35 •13	•22 •10 •20				•23 •09		•25 •20 •42			T	•03			.04			1.7	.24			.20 .70	.08			.03	.11	- 1	.10 .
MAHAFFEY MAPLE GLEN MAPLETON DEPOT	3.29	•46	•65 •01	.51				*21 T	T	.48 •11			•17				•05			• 2	7 T			•28	.03		Ŧ	.12	•26	•02	.02 .
MARCUS HOOK MARION CENTER 2 SE	1.60 1.69 2.58	•13 •12 •50	•48 •26 •28	•11			Т	.08	•10	•12		*08 T		T T			+15 T +02			*3 T	.09		.05	.04 .82	.04	Ţ	.02	•02 T •29	•10	.15	.06
MARTINSBURG FAA AP MATAMORAS	1.74	•26 •41	•26 •08	.18			т		•18	•03			т	т	т		.08		т				т	T • 12	•43	·	.02	.18	*20	•05	.68 .
MC CONNELLSBURG MC KEESPORT MEADVILLE 1 S	2.89 3.15 2.19	•27 •51 •S4	•54 •02 •09	•24 •11 •02	т		т	•12 •23 •34	T T	.09 .47	Т	T	•05	+15 T			.03 T	.09		- 4	•03 9			.43 .29	.03	т	•11 •19 •02	.08	•15		.48 ·
MEOIX RUN MERCER 2 NNE	2 - 4 9	•06 •50	•39 •40	.25				.01 .20	T	•29 •55		T		•01			.01			• 2	6 •68			• 35			.02	.01	•02	т	.38 .
MERCERSBURG MEYERSOALE MILANVILLE	3 · 1 4 3 · 3 5 1 · 1 6	•21 •38	• 96	.50 T				•01 T •02	т	.08 .35		•02		*11 T	T • 08		.05 T	-19		т	T .01			.54	•01	•05 T	•11 •18	•15 •19 •27	•11 •34		•24 • •58 •
MILLHEIM MILLVILLE 2 SW	1.29	.01 T	•39 •25	•14 •10				T . 22		.29			T	T T				+36		• 3	0 .08			.01				т	•07		
MILROY MONTGOMERY LOCK AND DAM MONTROSE	1.37 2.07 1.19	•12 •30 •17	•50 •29 •02	•06 •08 •26	т			1 +12 +09	T T	•26 •27 •21			•01	*04 T						20 .3	2	T		.21 .28	.02		.03	.02 .08	•07 •03		
MORGANTOWN MT GRETNA 2 SE	1.58	T • 03	.09	т			•04 •05		.08 .11			•13 •02	Т	T •08							•13		.07	.57			T	T		.04	•21 •
MYERSTOWN NATRONA LOCK 4 NESHAMINY FALLS	2.15 2.16 1.59	•05 •23 T	.74	.23 .19			•02	•06	T .11	•11 •36		T .13	•07				7			.4	•02 T			.42	.53		.08	.03	•31		.07 .
NEW CASTLE 1 N	1.92	•22 •15	+15 +15	.06				.18	•01 •50	.20		,					.06			•0			•02	•67			.08	.10	-02	·01	
NEW PARK NEWPORT NEW STANTON	1.70 2.11 3.35	+17 +68	.36 .81	•17 •21			•19	*02	•06	.17		•05 T		.03			.05			•5				.90	• 25		.02	.20 T	•09		•50 •
NEW TRIPOL1 NORRISTOWN	1.45	.02 •12	•22	.28			.01		•21	T		•03	•06	т		т				1	•25		•19	•15	.04	•15	T	•80 T		•04	т.
NORTH EAST 2 SE ORWELL 2 NW PALM	1.79 1.67 2.26	.47	.06 .05	•14 •13	+18	•02	-14	.13	•09 •01	•10 •23			•06	т	T						+22 T +82	Т		.90 .28 .29	.01		T		Т	T	.20 .
PALMERTON PARKER	1.64	•01 •19	.26 .23	T •04			т		•25	•20		Т				•05				• 2	•06 5 •20			.60	.60			т			.02 .
PAUPACK 2 WNW PHIL DREXEL INST OF TEC PHILADELPHIA W8 AP R	.80 1.57 1.85	T T	.35	.34			т	*13 T	•03	•23		.18					•17			•0	.04		.06	.25 .08		T T	T	.06 T	.07	.01	.05 .
PHILADELPHIA PT BREEZE PHIL1PSBURG FAA AP	1.53	•01 •23	.20				.01		•06			•15 •15	T	T			Т		k.		•02		•11	1.36		Т	T	Т		.02	·01 ·
PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 //R	1.57	•03 T	•22 •15	• 21	T		• 01		•39	.16		•15		T		-12			х.	.0	2 •56:		.03	.05 1.05			T	10 T		T	•20 •
PITTSBURGH WB CITY R PLEASANT MOUNT 1 W	2.28	•03	.07				•24		•28			Т	•02	•01 T					.1	12 T			.09	•14	T	•01	.06	•31		T	.54 .
PORT CLINTON POTTSVILLE PUTNEYVILLE 2 SE DAM	1.02 2.19 2.43	•05	.18	•15 •24 •37				•08	•07	.18 .23 .27			•02 T		• 04 • 01		T			+1	•08 •47			•34 •68	.33 .38	.01					
QUAKERTOWN 1 E	1.95	-10	.01	.08	-01			•25 T	•05	.32			•05				.01 T			•0	.05	.03		•41	.67			.05	•17 T	Т	.08 .
READING WB CITY R RENOVO REW	2.25 5.43 1.30	T T	.23	.20 T			т	•15 •D2	•03 •10	.19		•11	•01	15					, т	• 4	• 25		.02	•24 •93			.02 T	•01	.02		3.30
RICES LANDING L 6	2.13	•20	.09	•09	•03	,	• 0 5	.16	•03	.46				•09	•03					.0				1.00		•D3	.44	•02	.08		.35 .
RIDGWAY RUSHVILLE RUSSELL	3.59 1.36 3.34	•12 •05 •36	.40	•20 •25 T	•01			.09 .29	•03 T	•21 •12 •20		T		. 30			Т			•2		.02		1.81				.01	•32		.18 .
SAGAMORE 1 S SALINA 3 W	3.12	•40	•70 •18				.24	.10	.44	•40		Т	•01			•01	.10 T		.2	8				.44		•02	.05	.10	•15		.12 .
SAXTON SCHENLEY LOCK 5 SCRANTON	1.85 2.36 1.14	•50 •27 •02		•22 •10 •16				•02 •12 •05	•01	.27 .36			1	•06			.01	Т		•1 <sup>1</sup>				.03 .75 .23	•13	Ť	.02	.17	•17 •11		.01 .
SCRANTON WB AIRPORT SHAMOKIN	3.21		•60	T . 26		•	• 0 3	.02	•11	. 25		Т		T			7			•2			т	-14							.15 .
SH1PPENSBURG SINNEMAHONING SIZERVILLE		•03	.90 .37	•15 •22			1	.01 .25	T T	•22		T		.10 .17		.15	.07		Т	T •19	1.00	т		•90	1.07	т	.10	.02	•08		Ţ :
SLIPPERY ROCK SOMERSET FAIRVIEW ST	1	.33	•17 •73	. 23				• 28	• 02	.21				•04			•21				•04			•12			•02	.03	.07		.03 .
SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE	3.06	.26 I	1.09	·24 ·23 ·46				• 05 T	т	•09 •11 •29		т	•10 T	.04 T				0.1		•15	•12			•6B •72 •71	.04		•13 •15 •14	.09 T	.45 .11 .04		.07 .
STOYSTOWN STRAUSSTOWN	3.02	•28	.38	.18			П	•33		•41			.04	•03			• 24	•01		.00				.76			.08	.17	• 08		T .
STROUGSBURG STUMP CREEK SUNBURY	2 - 40	+22	.18	.02 .30		T	г	T	•26 •10	.02		T T	т	T		•10	T •12			-10				•36 •93 •48	•06		т	T •07	• 30	Т	.23 .
SUSOUEHANNA TAMAOUA	1.49	•24	T	•16	Т				•05	.19		•10		'	•02						•84			•12 •36	.03			.02	•03		:
TAMAQUA 4 N DAM TIONESTA 2 SE DAM TITUSVILLE WATER WORKS	2.31	• 56	.10	•12	•10		2.0		Ť	•32		•10		т			т			T	•48 •61 •23			.49 .27 .54	.09 .79	т	.08	.02			.49 .
TORPEDO 4 W	1.54	•01	•09	•13		Ť	3.6		•21 •16	2.						•09	.49				•10		. 55	.34 .16	т			Т			.36 .
TOWANDA 1 ESE TOWER CITY 1 S TROY	1.41	+02	•06	.05 .15	T			•40 •11 •03		•24 •16 •20			•02	•02	T T		.33				•12 •28 •21			.99 .32 .36	-14				T T		.60 .
TURTLEPOINT 4 NE TYRONE 4 NE BALD EAGLE	3.31	• 06	•22	.16	•01 •02		1).	.18	+04	.25			1	•06							•54			1.73							.26 .
UNION CITY FILT PLANT UNIONTOWN	2.52	•60 •27	• 31	•19 •04 T	*01 T	T •	01		T • 36	.24	т .	•01	1	T •07		• 02		T	•1		•10		. 02	.47 .10	т	•17	.60	•20	.15	.07	.04 .
VAMOERGRIFT VIRGINVILLE	1.43		Т	•22			1		T	•37							.34			•17 T				•58 •32			.04	•06	- 44 T		.02 .
WARREN WATSONTOWN WAYNESBURG 1 E	1.38	•15	•46 •13	•05	T T		03	•01	•02 •24 T	• 2 2	;		-	.03 T			•06			T T T	• 26 • 50		Т	.50 .09 .36		T •07	.18	T •03		т	.54 ·
WELLSBORO 3 S WEST CHESTER	1.51	•10	.03	•13	т					•11 •12			•16	- 05	т	Т					*21 T	Ť	т	.25	.02		.02	,		т	
WEST GROVE 1 SE WEST H1CKORY WHITESBURG	2.78	• 32 • 50 • 22	•28 •19	. 12				.38 .16	•02	.08 .16 .46			•09	•06			•14			•24	•15 •28 T		1	.76 .39	. 04		.13	T .10		т	.23 :
WILKES BARRE WILLIAMSBURG	1.35		T	•19 •41				•06		·17					Т			.31		•10 T				.17			Î	.21	.33	1	.20 .

Continued																														PEF	MAY	
Station	[a]													Day	of M	lonth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WILLIAMSPORT WE AP WOLFSBURG YORK 3 SSW PUMP STA YORK MAYEN ZION GROVE ZIOMSVILLE 3 SE	2.61 3.39 1.62 3.02 1.72 2.06	.99	.58 1.43 .22	.32			. 08 T	+43 T T	.17	*19 T *12		Ť	T	T .29 .09 .04			.03	.21		- 1	.58 .08 T	•04	.06	T		ī	T	_	.28 .02	•25	T	.41 . .11 .

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relat	ive humi	idity ave	rages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.0109	.1049	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN WB AIRPORT	ENE	10	9.6	27++	W	25+	76	76	49	59	8	3	3	1	0	0	15	_	6.0
ERIE WB AIRPORT	WSW	15	13.2	32++	SSE	29	71	71	55	55	6	1	6	0	0	0	13	_	6.1
HARRISBURG WB AIRPORT	W	11	6.6	30	S₩	3	76	75	53	59	5	7	5	2	0	0	19	58	6.1
PHILADELPHIA WB AIRPORT	WSW	11	9.1	29	NW	6	93	90	50	60	8	4	3	0	1	0	16	58	6.4
PITTSBURGH WB AIRPORT 2	WSW	10	8.5	28++	WSW	24	77	79	50	57	3	7	5	1	0	0	16	63	6.8
READING WB CITY	N	~	9.5	45	NE	19	-	_	-	-	4	5	4	1	0	1	15	64	5.6
SCRANTON WB AIRPORT	ESE	12	8.5	26	SW	24+	65	70	42	49	4	1	5	0	0	0	10	67	5.6
WILLIAMSPORT WB AIRPORT	W	9	8.0	27++	WNW	31+	75	77	43	49	6	3	4	2	0	0	15	-	6.1

									<u>.</u>	WII	- 1	11															-					MAY	1962
Station																_	Of Mo		10	10	02	03	00	02	04	25	26	27	28	29	30	31	verage
ALLENTOWN WB AP	MAX	50	47	70	75	81	80	68	48	64	68	60	72	66	73	87	68	83	96	97	92		79	79	81	79	82	76	65	75	79	89	74.6
ALLENTOWN GAS CO	MIN	46	45	43	47	44 75	47	47	41	43	33	42	39	47 72	49 69	57 75	55 90	53 70	59 84	64 96			52 84	52 80	-	62 82	61 79	56 82	53 77	53 66		- 1	51.3
	MIN	46	43	44	45 75	41	46	53	44	41	32	42	41	42	48	51	55 91	52 89	54 91	63 89	62 89		50 78	52 82	57	60 77		56 71	53 60	53 65		61 79	50 • 6 75 • 7
ALTOONA HORSESHOE CURVE	MIN	55	52	39	43	44 78	51	42	45 72	41	31	40	39	46	49 61	58	59	57 87	59	60	62	65	47 85	51		51			52 71	50 63	60	58	50 • 6 76 • 8
ARENDTSVILLE	MAX	54	46	44	75 45	46	50	52	46	44	34	47	46	48	49	53	56	56	56	67	68		55	52		55		57	53	55	58	61	52.7
AUSTINBURG 2 W	MAX	77 57	76 50	51 41	58	67 40	76 44	37	57 34	30	58	36	30	68	69 49	86 57	53	55	56	60	54	54	37	38	55	52	47	35	42	48	57	60	45.8
BAKERSTOWN 3 WNW	MAX	83 53	83 55	68 43	73 41	80 40	80 53	65	60 49	63 35	59 39	70 47	80 49	80 55	89 52	92 65	61	90 59	65	92 65	67	90	79 54	90 58	56	48	52	78	75 56	50	63	66	53.0
BELLEFONTE 4 S	MAX MIN	84 60	71 45	55 43	70 40	75 49	84 50	73 43	69 41	45 34	60 32	65 36	70 44	68 48	60 44	90 52	94 53	93 58	93 57	95	93 59	91 60	81 49	81 43	82 54	52	78 56	76 50	50	62 50	74 56	57	76.8
BERWICK	MAX MIN	72 54	58 48	72 41	75 40	82 40	81 43	67 48	65 41	61 40	68 28	69 40	72 39	70 52	77 52	94 55	92 58	89 59	95 58	95 60	93 58	90 60	79 48	81 51	83 62	81 57	80 55	78 54	75 53	80 54		87 61	78.7
BETHLEHEM LEHIGH UNIV	MAX MIN	49 45	45 44	61 44	64 56	73 52	74 54	68 56	56 42	57 42	63 42	58 46	66 43	62 49	72 48	78 61	65 57	77 58	91 63	93 69	91 70	83 66	78 60	78 56	79 61	76 66	78 65	77 62	63 57	73 55	76 62	86 66	71.3
BLAIRSVILLE 6 ENE	MAX MIN	88 61	70 49	67 42	71 47	79 48	69 56	62	57 44	58 39	63 39	71 46	68 49	61 49	86 51	81 64	88 65	86 64	87 67	86 64	85 61	75 61	76 51	85 58	78 55	75 50	71 56	66 47	59 51	68 51	84 57	77 61	74.1 53.0
BLOSERVILLE 1 N	MAX MIN	75 50	56 45	48 42	76 44	73 50	82 52	77 54	71 47	49 43	61 34	66 41	63 45	70 47	59 48	80 52	92 58	85 55	87 56	94 62	93 64	90 60	84 56	80 55	79 58	81 55	8U 60	84 54	74 55	68 54	74 56	81 60	75.2 52.0
BRADFORD FAA AlRPORT	MAX MIN	75 56	58	54 38	65	73 39	60	54	44 38	53	62	66 40	66 35	65 49	84 47	85 53	86 54	85 54	85 58	85 55	85 53	68	75 38	78 48	71 53	68	67 49	71 42	58 52	70 48	80 58	73 56	70.0
BRADFORD 4 W RES	MAX MIN	80	77 54	57 44	66 28	74 32	73	59	52 35	53	62	66	66	66	87	86	86	85 50	86 51	86 51	86 51	81 48	74 39	80 38	74 49	71 50	68 46	70 34	70	74 47	82 54	82 58	73.5
BROOKVILLE FAA AIRPORT	MAX	81	64	65	70	78	64	61	53	58	64 28	73 37	70 43	65	88	85 53	89	91 54	9U 53	89	88 57	75 50	78	84	77	73	70 52	76 51	58	75 50	84	76 56	74.6 47.1
BURGETTSTOWN 2 W	MAX	86	85	73	72	34 77	81	73	65	67	60	62	72	77	80	91	90	90	89 52	91 53	85 57	89 56	76 50	81	87	79	78 49	75 51	70	70	85 56	85 56	78.7
BURNT CABINS 2 NE	MIN	82	50 61	73	76	35 81	82	75	69	60	64	68	35 68	68	47 85	93	88	89	91	93	8.8	90	88	80	81	80	82	82	63		80	82	78.7
BUTLER	MIN	59 85	47 85	39 69	69	37 77	46 80	49	43 62	61	62		43 74	48	52 75	57 90	90	62 91	57 91	93	56	89	75	56 81	88	79	57 82	50	77	61		86	78.2
CANTON 1 NW	MIN	73	56	46	36	36 65	75	67	41 57	39 40	34 52	60	42 63	65	69	57 78	57	56 85	56 86	5 8 8 8	86	58 85	70	50 71	58 74	78	55 70	70	67	60	70	57 73	69.6
	MIN	55	40	41	38	44 84	50	40	30	32	34	40	40	42	45 83	48 95	60 87	60 88	60 95	65 95	62 93	56 86	43 81	45 80	5U 84	50 82	50 83	40 78	71	41 77	52 81	60 87	78.5
CARLISLE	MAX	68	46	75 44	79 47	44	48	53	47	44	33		46 71	48		58		56	63	64	64	63	53	55	60	58	62	57	63	56 75	63	64 86	53.7
CHAMBERSBURG 1 ESE	MAX	54	55 47	73 37	79 43	82 40	77 50	53	43	60	30	46	43	48	52	54	55	58	58	58	59	60	49	53	59	57	56	52	54 73	53	60	61	51.2
CLAYSVILLE 3 W	MAX	85 54	67 52	73 45	76	83 36	77 42	38			33	44	77 37	60		92 55	91 56	92 54	52	85 56	59	55	47	50	55	44	52	54	59	48	55	55	49.2
CLERMONT 4 NW	MAX	78 52	72 50	58 38	64 30	80 30		59 29	50 38		62		60 30	58	84 40	88 50	50	89 51	90 50	92 54	89 58	78 50	72 40	76 39	53	50	75 50	48	50	45	56	58	43.8
COATESVILLE 1 SW	MAX	65 49	52 44	48 44	74 43	78 43	82 44	83 50	70 44	52 43	63 33		56 36	72 45	66 48	79 52		72 54	82 55	95 63	95 66	92 64	85 55	82 49	79 58	59	61	84 55	49	68 55		67	75.5
CONFLUENCE 1 SW DAM	MAX MIN	84 52	87 58	69 45	70 48	74 36	78 40	75 48		67 44	61 34		70 38	70 41	62 42	87 47	87 57	86 58	87 56	89 56	88 59	87 59	78 50	82 50	86 54	80 47	78 51	80 54	70 55	59 54		85 55	76.5 49.1
CONNEAUTVILLE	MAX MIN	86 54	82 56	72 47	62		79 50	65 30			52 28			75 51	77 49	89 53		88 54	88 54	91 57	88 58	91 49	63	82 48	90 55	78 44	74 52	69 44	78 52	69 49		60	76.3
CORRY	MAX	78	73 59		70 31			56			63					87 52		87 55	8 9 5 5	88 55	88 56	76 51	77	84 46	75 57	70	-	75 41	65 55	79 49			74.6 47.1
COUDERSPORT 3 NW	MAX	76 50	61	56	65	74	63	57	47	53	62	66	65	60	86	86		86 48	86 50	85 50	84 48	68 49	75 34		70 49	70 49	69 44	70 34	61	67 47	77 57		
DEVAULT 1 W	MAX	50	50	73		82	82	68	51	63	67	56	74	73	76		72		95	95 65		84 58	79	79 50	82 51	80 51		78 50	64	77 54			75.4 49.7
DIXON	MAX	86	67	55	67	70	78	77	71	45	60	66	70	70	67	75	91	89	9∪	92 55		91	76 40	78	80 45	82		77 47	75 44	68 45			
DONEGAL	MIN	86	68	70		77	72	62	64	60	60	68	71	64	87	87	88	88	88	89	85 5 8	77	79	85	8U 55	76 46	74	65	59	73 52	83	77	75.3
DONORA	MIN	55			1		80	69	67	68	68	75	77	75	93	93	94	93	93	90	90	87	81	88	84	81	78	75	70	8 U 5 5	86	81	81.3
DU BOIS 7 E	MIN		57	41	45	43	50				62					87	88		88	88			78	80	59 78	75	72	72	70	67	81	81	75.2
	MIN	54	54	43	32	33	41	37	38	37	25	35	43	49	50		1	93	95	92	92	91	85	90			78	78	74	82	89	84	81.8
EAST BRADY	MIN	56	59	46	37	37	48	40	46	42	32	40	) 44	55	49	54	55	58	58	57 85		59 78	49		58 75	48 73		53 67	56				
EBENSBURG	MAX		53	41	42	34	. 44	40	37	30	32	30	30	43	45	60	64	63	54	55	55	62	72	51	52 81	49 75	45	46 71	72		55	52	47-1
EMPORIUM 1 N	MAX	52	51	40	31		39	34	37	30	23	3 29	32	39	46	49	54	53	52	52	54	56	42	41	42	46	49	44	49	45	5 5 2	61	43.8
ENGLISH CENTER	MAX	79 58					80 33											51	53		92 52	53	75	40	41	47	46		45	48	57	56	42.9
EPHRATA	MAX MIN	55 49																					78 52	53	60		61		55	54	62	63	52.3
ERIE WB AIRPORT	MAX MIN	77 59				77												87 62			88 63		70 48	87 60			65 55	67 47	70 57		85		

PENNSYLVANIA

Station		1	2	7 3	T	Ts	6	7	8	9	10	Ti	10	10	T.	1	011	1		10				T	T	T	T.	T.	1	Т.		Т -	- 00
EVERETT 1 SW	MAX	87	۵.	щ,	-	-	85	74	9	58	10	62	70	73	60	15		90	18	90	90	93	82	79	24	25	w		28		30	31	40
FARRELL SMARON	MAX	82	7.8	72	2 73	42 80	52 77	66	61	42 62	34 64	46 75	47	79	49	58		63 92	66 93	64	62	68	58	54	54	55	62	78 56 82	66 50	48	70 54 86	58 82	76 53 80
FORD CITY 4 S DAM	MIN	84	85	68	70		80	66	63	39 59	40 61	49 63	47 73	56 75		62 89	63	62 90	63 90	91	66 87	63 88	50	58	62	54	59	56 75	59	53	63	65	55
FREELANO	MIN	72	55	69		37 73	43	71	60	41 56	32 62	39 62	4I 69	51	47	52 86	59	55 86	5 7 90	56 90	60 86	62 76	49	51 75	56 76	51	54	50	51	46	53	90	49
GEORGE SCHOOL	MIN	35 52	31 50			74	80	4 I 8 I	33 70	32 49	32 57	40 69	42 52	70	40 67	75	50	50 67	70 75	70	70 96	59 93	50	51	52 80	50	50	40	50	49	50	60	47
GETTYSBURG	MIN	84	45 61	43 52		39 79	83	80	43 72	43 52	31 61	37		70	47	52	53	52 87	55 83	60	62	59 92	51	48	58	60	58	55	47	72 54	70 58	59	72
GRATERFORD I E	MIN	54	46 50	45	72	48 75	52	56 82	50	45	36	50	49	49	52 67	54	59	55	56 78	66	68	64	55	59 78	60 78	62	64	57	54	63 57	76 62	64	54
GREENVILLE	MIN	48	43 72	43 67	76	83	43 83	69	40	43	30	33	37 75	38	47	49	56 93	52	52	57	60	61	50	52	52	60	78 61	82 55	50	65 53	77 54	62	73
ANOVER	MIN	57 82	54 62	4.8 5.2	35	37	53	37	44	34	33	43	43	55	49	54	58	56	55	59	60	53	86	50	58	79	73 54	82 48	57	85 50	87 61	62	50
MARRISBURG W8 AP	MIN	54	47	43 75	42	46	49	55	47	44	34	38	47	48	48	52	59	55	54	63	96	92 63	55	55	61	58	83 61	84 56	57	67 55	78 57	82 64	52
IAWLEY	MIN	48	47	47	46	46	47	52	45	41	32	61 43	70	48	82 53	94 57	59	85 57	65	95 65	91 65	60	78 54	80 57	86 62	60	64	75 55	57	79 59	81 64	87 64	76 53
OLTWOOO	MIN	46	43	41	67	69 34	76 39	78	6 I 3 5	41 34	25	65 26	70 32	71 36	65 40	78 50	50	54	8 <del>8</del> 5 5	92 58	92. 55	90 58	43	77 42	80 44	51	73 47	76 45	74	62 43	75 45	82 56	72 43
	MAX M1N	57 49	53 48	75 47	77 50	82 48	79 51	54	57 46	62 46	65 39	55 51	70 48	61 50	76 52	89 57	72 57	76 57	91 59	90 67	91 70	82 64	78 59	76 58	83 64	78 62	81 64	77 57	6.8 5.8	75 60	79 65	87 65	74 55
UNTINGOON	MAX	90 59	76 51	55 38	75 38	79 37	85 44	76 49	72 49	51 44	64 29	69 47	73 41	74 42	62 51	95 55	95 55	94 60	95 58	96 58	94 58	93 61	86 50	82 50	83 50	87 55	81 58	82 57	74 56	62 51	52	86 60	79 50
NOIANA 3 SE	MAX	86 55	71 55	70 37	74 35	80 34	69 43	64 37	61 45	61 42	64 31	72 39	73 40	66 50	90 51	87 50	90 57	90 55	9 I 5 4	88 54	87 56	77 58	82 47	87 54	88 54	77 46	75 53	67 50	61 55	73 48	86 55	78 57	76 48
AMESTOWN 2 NW	MAX	84 51	79 59	70 48	63	70 36	78 49	67 37	56 42	57 34	57 34	62 40	68 44	72 54	75 50	90 53	87 56	86 54	88 54	89 56	85 60	89 51	67 45	80 50	84 57	76 45	77 54	69 41	75 56	66 50	81 58	84 61	75 48
OMNSTOWN	MAX MIN	88 54	8 I 6 O	68 47	66 50	70 40	75 49	70 47	66 50	67 44	64 35	66 44	65 44	64 49	64 46	90 58	9I 58	92 59	91 58	89 59	91 60	91 68	81 56	86 54	90 58	83 57	80 60	80 54	67	59 52	87 56	87 57	77
ANE 1 NNE	MAX M1N	82 48	80 53	60 43	58 28	66 29	76 35	62	57 36	52 30	56 21	63 30	70 29	68 38	72 44	88	87 47	87 46	87 47	88	87 49	86 50	71	76 38	83	76 44	71 45	71 36	74	60	73 54	84	73
EGG	MAX MIN	84 58	62 49	72 43	76 45	80 41	76 49	67 49	56 44	61	63 32	71 42	67 39	58 38	90 50	88 59	89 56	88 56	94 58	90 59	90 59	82 56	78 51	83 52	82 57	79 53	80	64	57	70 48	84	82 58	76
ANCASTER 2NE PUMP STA	MAX MIN	63	52 43	77 40	80 4I	83 38	81 43	72 48	69 42	65 42	69 29	64	70 38	68	79 48	94	80 50	78 53	95 54	95 58	92 65	87	80	76 49	85 58	82 57	83 57	80	74 52	75 55	79	88	77
ANOISVILLE 2 NW	MAX M1N	66	53 45	48	72	76 42	80	78 50	68 43	48	60 35	65 43	56 38	69 47	60	80 52	90	76 54	80	92	92 65	90	83	79	77 61	83	78	81	74	65	76	79	73
AWRENCEVILLE 2 S	MAX MIN	72 57	61	62 38	68	77 35	70	68	55 36	56 31	64	69	69	65	90 56	91	92 51	91 56	92	91	90	86	78	81	81	76	74	72	71	57 75	82	80	51 75
EBANON 3 W	MAX MIN	65	52	48	72	77 52	83	79	70	46	63	66	58	70	61	77	92	78	81	94	95	90	82	43 78	59 77	52 81	47 79	82	74	64	57 77	79	73
EW1STOWN	MAX MIN	85	65	53	74	78	85	76	74	41	40 64	42 68	39 69	72	48 62	82	55 97	55 92	55 95	96	6·8	92	52 85	55 82	58 84	59 87	59 81	54 81	55	56 60	57 77	63 84	52 78
OCK MAVEN	MAX	83	73	59	69	75	83	72	48 68	43	31 64	31	73	72	51 62	55 94	57 96	93	95	61 96	61 94	88	50 79	50 80	54 83	61 82	59 78	58 79	58 77	58 64		62	51 77
ADERA	MAX	58 83	50 78	39 63	38	39 71	78	66		37 48	29 60	35 64	40 71	70	51 61	50 88	56 88	58 88	58 88	58 89	59.	58 87	46 75	48 79	54 82	52 78	53 75	53 72	52 72	49		62	48
ARCUS HOOK	MIN	54	52	40 69	78	33 83	34 86	39 69		39 63	27 69	28 58	40 70	40 66	46 73	47 88	51 70	56 72	52 96	52 99	53 94	55	42 78	43 78	48 81	46 85	46	53	53	49 78	52	57	45
ARION CENTER 2 SE	MIN	46 85	74	46 67	56 73	58 79	55 67	58		60	61	48 72	46 71	52 63	51 88	63	58 88	5 6 8 8	61	84	71	66	60	58	63	65	69	60	57	59	66	69	56
ARTINSBURG FAA AP	MIN	56 77	55 61	43 73	40	41	51	38	40	37	36 61	43	47	48	48	57	60	58	59	58	59	58	50	57	54	48	72 48	70 51	57	50	58	75 59	50
AOVILLE 1 S	MIN		51 80	49 70	51	48 70	57	50	43	55	34	43	44	49	53	65	60	58	60	64	60	57	50	56	60	79 56	79 56	65 54	59	68 52	58	78 60	76 d
RCER 2 NNE	MIN	56	58	47 67	33	38	45	35	40	33			43	73 53	73 49	88 54	57	55	55		86 59	53	45	49	58	76 48	73 54	69 51	76 56	64 49		60	75 e 49 e
RCERSBURG	MIN	55		47	32		49	36	42	35		71 39	72 42	74 50	88 45	87 52	88 56	53	53		87 56			85 45	84 54	75 46	71 48	75 50	75 52	80 48		78 61	77 ·
LLVILLE 2 SW	MIN	86 55	47	52 39	73 48	45	52	53		56	62 31	65 43		69 48	60 49	8 0 5 5	95 52		85 59	95 62	95 61				81 58	83 57	83 59	85 54	65 52	60 53		60	76 • 52 •
	MIN	75 54	60 46	50 40	68 43		79 45			37	59 29	66 33		69 38	63 49	73 50	91 55								77 45	79 54	74 55	74 50	75 50			- 1	72 • 47 •
INTEGOMERY LOCK AND DAM	MAX		72 56	74 45	76 44	42				65 40	63 37			80 53	90 47	91 60	91 59				89 61				80 56	79 49	78 55	77 52	70 58	84 50			80. 51.
NTROSE	MAX M1N	68 50	60 43	51 42	60 42					40 31		59 30		65 40	62 43		86 56									78 51	68 51	70 43	69 45	64 45			69. 45.
RGANTOWN	MAX	56	55 43	71	76 45							56 42			76 48		83 54								81 58	78 58	82 61	81 53	76 54				75 • 50 •
GRETNA 2 SE	MAX		48 43	74	78 44					63	66 30	58 40		6 I 4 5	72 48											78 55	82 59	74 50	65	71	78	86	75 o 50 o
W CASTLE 1 N		86 59		70 46	75 36										91 49	91 52				90	90	89	83	89	86	88	75	75 51	73	83	86	85	80.
WELL		86 57		69				76	68	68	61		72	79	84	92	92	93	92	92	88	89	81	85	90	92	82	74	73	78	85	89	81.
									-	-			7-2	-1	26	01		-0		-	91	36	1	55	60	52	59	56	62	52	60	61	53.

Continued															1111		Of M	onth														MAY	1962
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEWPORT	MAX MIN	78 55	58 47	50	75 43	79 42	80	78 47	73 49	50	64	71 38	67	72	61 51	81 54	95 56	80 59	90 58	96 61	96 61	95 61	83	83 52	81 55	82	81	83	80 55	66 55	82		77.0
NEW STANTON	MAX MIN	88	72	72 45	71 46	82 38	75 45	69	64	58	64	73 40	76 38	71 55	91 41	90	92	97 53	91 55	90	90	80	84 53	89 53	82 58	82 55	78 48	75 57	76 55	80 53	88 57	81 58	79.7
NORRISTOWN	MAX	52	50	75 46	77	83 47	84	71	65	65	69	56 44	72 42	68	77	86 59	7 U	81 54	96 60	98	94	86	81	81 55	87 63	80	85 65	77 58	72 53	79 59	83	91 68	77.1
PALMERTON	MAX MIN	51	46	70 45	75 40	80	80	65	46 41	62	67	61	69	66	73 49	88	71	82	94	95 61	92	79 59	77	77	80 62	72	79 58	76 55	64	75 51	79 61	87 62	73.5
PHIL DREXEL INST OF TEC	MAX	51	49	71 46	78 54	82 54	86	71	56 45	64	72	57 48	70	68	74 50	86 61	71 56	74 56	95 61	97	96 71	9U 69	79 59	78 57	84	82 65	85 68	78 59	66	78 59	83	87 70	76.1
PHILADELPHIA W8 AP	MAX MIN	51	49	71 46	78 47	81 45	82	70 53	53 47	63	68	55	69 37	67	74 48	86 57	71	75 52	94 56	96 61	94 68	88 65	79 58	81 55	83 62	80	84 65	75 56	66	76 57	81	87	75 • 1 53 • 1
PHILADELPHIA PT BREEZE	MAX MIN	50 46	48 46	71 47	77 54	82 58	84 56	69 56	56 46	62 46	68	54 50	73 46	68 52	76 51	87 63	70 56	75 55	96 60	95 62	92 73	86 67	80	80 58	81 62	79 64	84 68	78 61	66	77 59	80 65	86 68	75.2 56.8
PHILIPSBURG FAA AP	MAX MIN	68	50 42	65 42	69 34	77 34	66 40	62	45 37	56 32	60	66 36	65 45	56 45	86 49	88 53	87 52	87 55	87 56	85 52	83 59	74 49	73 38	75 52	76 56	72 51	7U 54	68 52	61 51	65 48	77 59	73 54	70.7
PHOENIXVILLE 1 E	MAX MIN	47	44	44	42	39	41	49	40	42	30	61	70 38	67	77 50	87 55	81	79 53	95 56	96 60	95 60	91 64	80 51	79 51	83 61	81	83 60	80 56	73 50	76 55	81 64	89 64	50.8
PITTSBURGH W8 AP 2	MAX	84 55	69 47	71 45	74 46	80 43	71 55	62 42	64 47	58	59 41	71 45	72 44	76 55	90 52	90 63	90	90 62	91 61	85 62	90 62	79 57	80 54	89 59	81 57	80 53	75 52	68 51	66	82 54	86 60	79 60	77.5 53.0
PITTSBURGH W8 CITY	MAX MIN	85 61	70 52	72 50	76 54	80 48	73 59	65 44	66 49	61 43	63 45	73 49	75 48	74	91 55	91 67	91 67	91 66	92 65	88 64	90 68	77 61	79 58	88 62	81 60	80 59	78 60	70 53	66 58	80 57	85 65	82 67	78.5 57.2
PLEASANT MOUNT 1 W	MAX MIN	52 45	49 41	49 39	60 42	64 33	70 41	73 36	53 33	39 31	49	58 28	64 29	65 33	62 40	70 48	82 49	80 52	83 57	86 56	85 52	84 56	70 37	71 39	75 56	76 49	68 45	69 43	67 39	61 39	71 48	78 56	67•2 42•6
PORT CLINTON	MAX MIN	58 45	51 40	49 41	73 36	76 34	82 38	80	69 39	47 37	63	68 32	62 37	69 43	63 41	75 49	92 5u	74 51	80 52	94	95 56	92 57	83 43	79 44	77 55	81 50	79 53	81 40	78 42	72 42	77 58	80 56	74.2
PUTNEYVILLE 2 SE DAM	MAX MIN	82 53	84 56	67 44	69 35	72 37	79 43	64 40	62 40	56 39	60	62 35	72 44	73 51	66 50	90 54	85 57	91 51	90 56	91 56	88 58	89 58	77 45	80 50	88 56	8U 49	77 54	71 53	75 55	59 51	76 56	81 60	76.0 48.9
QUAKERTOWN 1 E	MAX MIN	52 46	49	70 44	75 39	81 37	80 41	72 50	68 42	69 42	71 29	67 35	72 35	69	75 47	87 54	82 59	82 51	95 54	95 54	90 57	89 63	78 48	80 47	81 59	77 63	80 58	77 55	75 48	76 49	78 60	87 61	76.7 48.9
READING W8 CITY	MAX MIN	52 47	49 45	75 44	78 49	83 51	80 51	69 53	53 43	64 45	68 40	57 45	72 42	65 50	78 50	9 4 62	75 57	82 55	96 63	96 68	92 65	84 61	79 55	77 57	82 62	80 64	82 66	76 58	65 57	78 57	79 64	89 66	75 • 8 54 • 6
RENOVO	MAX MIN	88 57	77 51	55 40	70 32	77 32	83 39	70 39	69 45	47 36	65 29	72 29	77 37	79	65 45	95 47	96 54	96 56	95 56	95 56	94 57	93 54	81 46	83 45	85 46	84 52	80 51	80 50	79 50	65 47	70 49	86 56	79.1 45.7
RIDGWAY	MAX MIN	85 52	80 56	60 45	63 32	69 32	79 34	63 32	62 36	51 34	58 25	64 31	73 35	71	68 46	89 48	88 52	90 52	89 52	90 52	89 54	87 54	73 43	79 44	84 48	75 48	72 49	74 49	76 53	58 47	73 54	84 62	74.7 45.0
SALINA 3 W	MAX MIN	84 55	78 48	70 44	73 33	80 37	77 43	63 40	61 45	63 42	61	72 41	73 39	70 54	88 46	89 55	90 59	90 55	90 53	88 50	87 59	86 58	79 54	86 54	79 61	77 49	75 52	72 50	65 57	75 51	83 56	83 57	77.6 49.5
SCRANTON	MAX MIN	70 52	65 46	55 44	68 45	71 45	76 45	78 46	61 41	46 32	61	66 33	71 41	71 40	69 50	77 50	90 58	91 59	90 58	93 64	95 60	96 61	75 48	79 49	83 50	84 59	77 56	75 50	75 54	66 52	75 53	82 62	75.2 49.5
SCRANTON W8 AIRPORT	MAX MIN	63 48	52 46	68 44	71 49	77 48	76 49	60 43	44	58 38	63 34	67 43	69 39	65 49	74 50	87 58	80 57	90 54	93 65	92 64	90 59	76 55	77 46	79 51	83 62	75 56	77 57	74 52	65 54	77 50	80 62	87 65	73.8 51.3
SHIPPENSBURG	MAX MIN	78 52	58 46	74 39	78 49	82 44	80 49	72 50	70 42	63 43	67 32	65 45	72 44	68	82 52	93 59	86 58	87 56	93 60	93 64	9C 60	84 60	81 51	80 55	83 59	80 59	82 62	76 52	65 55	74 56	84 62	85 63	78•3 52•5
SLIPPERY ROCK	MAX MIN	81 57	75 53	68 45	74 39	81 43	78 57	64 38	59 43	62 32	60 36	73 44	72 42	73 59	90 52	90 60	91 63	90 60	92 60	89 60	88 62	83 59	82 50	85 57	79 58	77 50	75 55	76 52	70 55	80 50	85 59	80 62	78•1 52•0
STATE COLLEGE	MAX MIN	84 59	72 47	52 45	69 45	73 49	80 53	70 46	67 44	45 39	60 32	66 41	68 43	68	58 50	91 55	92 59	92 62	92 62	92 64	91 62	89 64	80 49	78 55	8u 60	81 55	74 59	74 55	74 54	60 53	70 57	8U 62	74.9 52.6
STOYSTOWN	MAX MIN	80 56	81 51	69 39	68 43	70 41	71 44	71 44	61 43	62 43	57 34	59 38	69 42	65 45	55 46	85 46	84 57	85 56	85 55	87 57	85 58	84 62	77 49	77 52	82 55	77 51	74 53	74 50	65 48	54 48	66 55	82 58	72.9 49.0
STROUD\$8URG	MAX	51 45	46 43	68 43	75 36	80 35	81 42	64 41	45 38	62 35	68 27	66 36	72 33	68 44	72 45	88 54	66 55	86 51	94 55	95 57	93 55	80 57	80 44	79 43	82 60	79 54	79 52	73 50	65 45	77 47	79 55	90 55	74.3
SUNBURY	MAX MIN	75 55	61 46	52 40		78 40	84 39	76 48	70 45	46 40	64	69 29	70 39	72 40	63 50	79 52	96 55	89 56	89 57	96 61	95 60	91 60	82 48	81 50	76 60	86 59	8 U 6 Ü	79 53	78 52	68 53	80 56	81 64	76.7 49.5
TIONESTA 2 SE DAM	MAX MIN	83 54	80 54	68 45	63 36	70 35	79 41	63 35	59 40	52 34	60	64 34	71 38	72 45	70 45	88 50		90 56	89 57	90 56	8 8 5 8	88 56	72 46	79 46	85 51	78 48	73 50	73 49	77 51	61 46	79 53	85 61	75.4 46.7
TITUSVILLE WATER WORKS	MAX MIN	77 51	68 54	58 44	67 30	75 31	72 42	58 30	50 39	55 31	60 25	67 34	69 31	68 48	85 42	84 47	85 52	86 50	87 51	83 51	85 54	79 50	77 41	82 39	75 54	70 45	69 49	73 43	71 52	77 45	82 50	75 56	73 • 2 43 • 9
TO8 Y HANNA	MAX MIN	51 43	45 39	62 40	68 41	72 41	75 41	60 40	52 35	55 32	60	64 34	67 32	60 41	75 41	84 55	76 51	82 49	87 57	89 53	87 54	73 54	74 43	74 41	76 56	71 48	73 47	70 47	70 45	70 46	74 54	82 60	70.3 44.6
TOWANDA 1 ESE	MAX MIN	72 57	61 48	65 41	69 44	77 37	72 43		54 36	57 34	64 28	68 37	69 33	65 50	82 51	90 53		90 57	91 55	90 58	89 54	75 58	75 42	80 42	81 58	76 53	74 50	71 43	70 45	77 46	80 59	78 60	74.8
TOWER CITY 1 S	MAX MIN	64 49	52 44	47 43	71 43	74 42	80 43		67 45	47 40	59 28	65 35	60 43	68 45	62 48	77 50	92 52		81 51	91 57	91 60	89 58	77 46	77 49	73 58	79 56	76 57	79 54	70 50	63 56	75 60	76 57	72.2
UNIONTOWN	MAX MIN	88	85 59	73 47	79 54	82 41	77 53	66 48	66 49	66 46	63 39	70 45	78 47	72 57	90 52	91 63	9u 62	89 61	90 59	87 61	88 62	85 65	80 55	87 58	83 60	81 52	78 60	74 56	71 60	79 57	85 60	82 62	79.8
WARREN	MAX MIN	79 56	66 61	62 48	70 33	78 35	64 46	57 34	48 41	59 31	67 28	70 39	70 35	72 53	90 50	88 53	90 56	9 U 5 5	90 56	89 56	90 57	70 57	80 46	86 47	77 57	74 52	72 51	78 42	70 56	80 50	88 60	79 61	75.6 48.5
WAYNESBURG 1 E	MAX MIN	88 56	87 51	68 41	71 44	77 36	80 42	78 44	67 43	68 43	59 34	60 42	71 38	78 48	78 48	90 56		92 56	89 54	90 56	87 59	88 58	81 50	81 50	86 54	81 46	80 52	77 54	72 58	70 47	85 54	86 56	79.2 49.3
WELLSBORO 3 S	MAX MIN	72 55	64 45	49 40	59 39	68 41	75 48		5 8 3 3	39 30	54 31	61 35	64 36	65 39	59 45	86 48		87 61	86 60	87 61	86 59	85 55	69 42	73 45	76 52	75 51	70 52	76 41	68	60 48	70 50	76 60	69 • 0 46 • 4
WEST CHESTER	MAX MIN	63 46	53 43	48 43	73 43	79 47	84 54	85 54	71 45	57 42	66 38	71 48	59 37	72 46	64 47	76 51	89 56	73 52	79 53	95 66	98 67	95 64	88 55	80 53	79 58	84 59	82 64	86 55	78 53	66 55	80 58	81 57	75.9 51.9
WILLIAMSPORT W8 AP	MAX MIN		52 49	70 47		82 42	72 46		47 41	60 39	68	69 42	70 41		75 51	94 55	90 59		95 60	95 61	92 59	78 53	80 47	79 48	84 58		78 54	76 54		76 53	78 64		75.7 50.9
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YORK 3 SSW PUMP STA	MAX	73	56	7.5	7.0	42	B 2	2.7	7.7							-																	79.8

#### EVAPORATION AND WIND

Station																	Day o	í mo	nth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	or or
BELLEFONTE 4 S	EVAP	.26 77	.22 92	.05	.32 124	.30 78	.37	.16 102	.24	.11	.18	.22	.17 50	.27 105	.14 106	.35	.21	.22	.31	.20	.26	.34	.30	.26	.23	.41	.29	.19	.36	.09	.20	.28	7.51
CONFLUENCE 1 SW DAM	EVAP WINO			.11		.32	. 23	.16	. 23	01	14	na	12	13	16	9.4	10	10	0.0					,25	.16	.25	,20	.19	.10	.05	.17	. 22	
FORO CITY 4 S OAM	EVAP	-	.17 25	.19 89	.30 117	.27 57	.23	.03	.20 43	.03	.19 30	.10 11	.17	.16	.20 42	. 29 72	.01 10	.25 26	.27 35	.27	.12	.23	.24	22	20		11	20	.15		,20	. 21	B5.77
LANOISVILLE 2 NW	EVAP WINO	- 113	.16 110	.05 65	.19 51	.26 61	.25 46	.13 56	.31 103	.03 83	.27 103	.19 37	.04 54	.21 64	.13	.15 46	96	.20 53	.15 29	.24 58	.48 96	.36 63	.34 114	.27 140	.31	.26	.28	.32	.22 52	.09 47	.29 100	.13	B6.75 2196

### DAILY SOIL TEMPERATURES

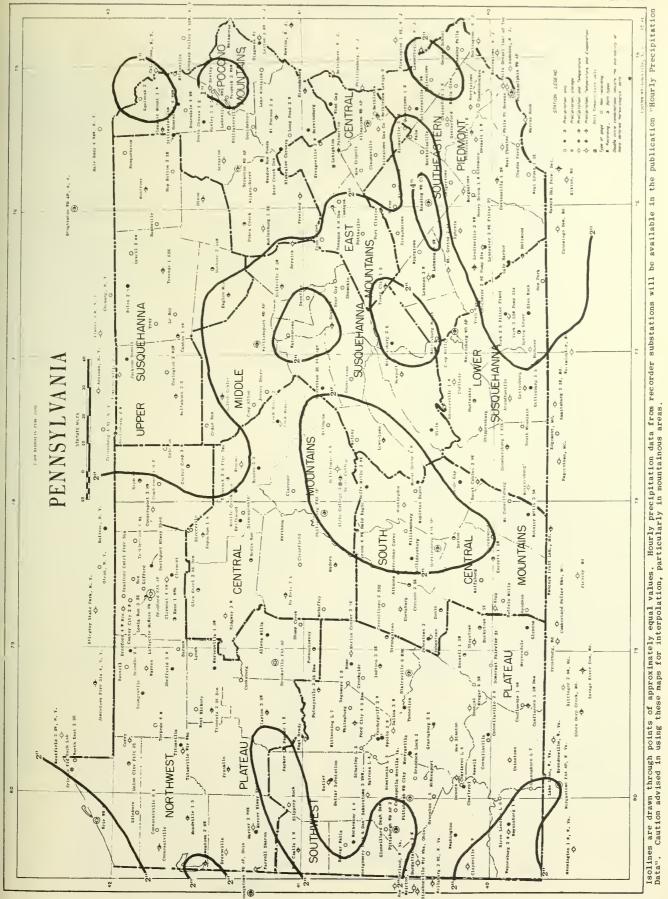
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Station And	Time															Day	of mo	nth															age
Depth		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
ERIE CO FIELO RSCH LAB																									_	1							
8 INCHES	MAX	61 59	60 59	59 54	56 52	58 54	52 51	57 54	55 51	52 49	52 50	55 51	54 52	57 53	60 56	64 60	66 63	68 64	70 66	70 67	71 68	70 66	65 63	67 63	67 65	66 64	66 64	66 63	65 63	67 62			
LANDISVILLE 2 NW																							00	00	00	04	04	03	03	02	65	68	59.3
2 INCHES	8 AM	54	51	50	51	51	53	53	52	50	48	51	50	53	52	54	68	57	58	61	62	62	60	60	61	61	62	62	61	60	63	62	56.5
STATE COLLEGE 2																															00	0.0	50.5
2 INCHES	MAX	69 59	58 54	61 49	62 49	64 50	60 52	65 50	55 51	65 48	67 45	68 50	67 50	58 53	72 52	77 58	83 59	82 63	82 64	81 63	84 62	79 65	86 58	84 61	79 63	82 60	77 62	86	65 60	69 56		79 64	72.5 56.5
4 INCHES	MAX	66 59	59 54	59 50	60 50	61 51	58 53	61 51	54 52	62 49	62 47	64 51	63 52	57 54	67 52	70 58	76 59	77 63	76 65	76 64	77 63	74 65	78 60	78 62	74 64	76 62	73 63	79 61	64	67 58		75 64	68.4
8 INCHES	MAX	62 59	59 56	57 52	57 52	58 53	57 54	57 53	56 53	58 51	58 50	59 52	59 54	57 55	61 53	64 58	67 60	69 63	69 64	69 64	70 64	69 66	70 63	69 64	69 65	69 63	68	70 63	67 63	64	68	69	57.4 63.7
12 INCHES	MAX MIN	58 57	58 55	55 53	55 53	55 53	55 53	55 53	55 53	54 52	54 52	56 53	56 54	56 54	57 53	60 56	62 58	64 61	66 62	65 62	65 62	67 64	65 63	65 63	65 64	65 63	64	65	65	62		64	58.6
16 INCHES	MAX MIN	57 56	57 55	55 53	54 53	55 53	55 53	55 53	55 53	54 52	54 52	55 53	55 54	55 54	56 53	58 55	60 57	61 60	65 60	64 61	62 62	66	63	64 62	64	64 62	63 62	63	64	62	62	63	59.4
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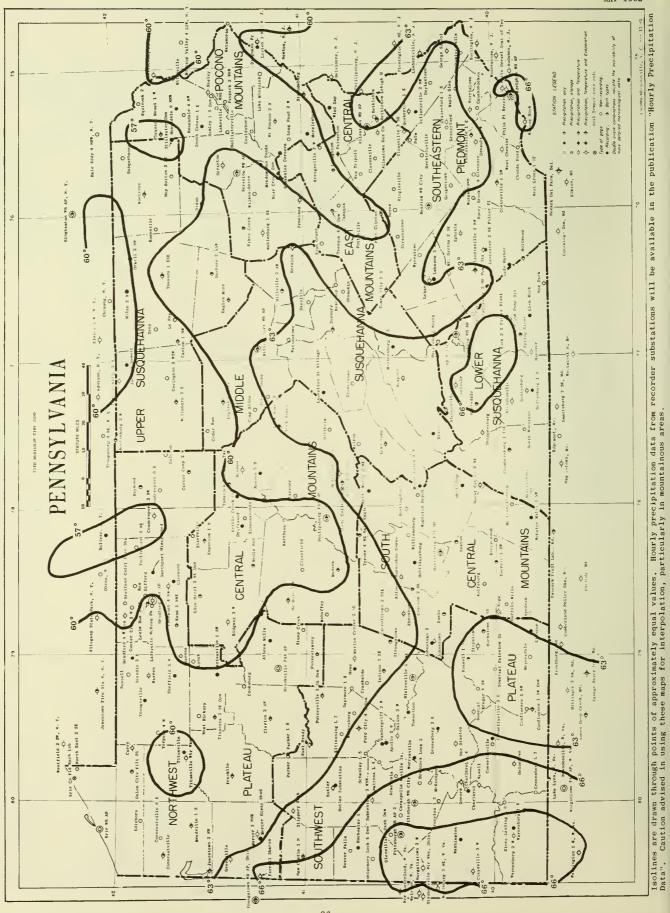
Erie Co Field Rsch Lah - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Ryegrass and Native Weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west, Soil Type: Duffield clay loam, Ground Cover: Permanent hlue grass sod which is kept clipped to a height of 2 inches, Instrumentation: Weston Electric Soil Thermometer.

State College 2 - Slope of Ground: Gentle slope to the southeast, Soil Type: Hagerstown silt loam, Ground Cover: Kentucky hlue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constantan Thermocouple on recording Potentiometer.

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AUSTINBURG 2 W	SNOWFALL SN ON GND								Т																							
BRADFORD FAA AIRPORT MONTROSE	SNOWFALL SN ON GND SNOWFALL								T	1.0																						
PLEASANT MOUNT 1 W	SN ON GND SNOWFALL SN ON GND								1 1																							
SCRANTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV								Т		1																					
TOWANDA 1 ESE	SNOWFALL SN ON GND									Т																						
WILLIAMSPORT WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV								Т																							





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I		NO.		AGE :	JODE	3000	MOL	T	ERVA IME A	ND				NO.		GE 1	JOE	UDE	NOL	T	ERV IME TABI	ANI		MAY 1963
	STATION	DADEX	COUNTY	DRAINA	LATITUDE	LONGITUDE	ELEVATION	TD0.	PRECTP.	SPECIAL	OBSERVER		STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUD	ELEVATION	-	T		SPECIAL	OBSERVER
AL AL	METONIA LOCK 3 LENS NILLS LENTOWN WB AP LENTOWN GAS CO TOONA MORSESHOE CURVE	D099 D1Da D111	ALLEGMENY JEFFERSDN LEHIGH LEHIGH BLAIR	1 1 9 9	40 92 41 12 40 39 40 38 40 50	79 49 78 59 75 28 75 28 78 29	254	H10 H	7A	C HJ	CORPS OF ENGINEERS CHARLES H. ALLEN		HUNTSDALE HYNDMAN INDIANA 3 SE JACKSON SUMMIT JANESTOWN 2 NW	4180 4214 430A	CUMBERLAND BEOFORD INCIANA TIDGA CRAWFORD	15 12 4 15	4D 06 39 48 40 38 41 57 41 3D	77 18 78 44 79 07 77 01 80 28	610 960 1102 1690 1050	7P	AS 7A TA	0 0 0		METRO P. DOROSN DONALO LEHMAN CLYMER WATER SVC. CO. ARCHIE LAIN
AR AU BA	OLLO 2 H ENOTSVILLE ISTINBURG 2 H KERSTOHN 3 WNW RNES	0228 0313 0355	WESTMORELAND ADANS TIDGA ALLEGHENY WARREN	7 15 15	40 35 39 55 42 D0 40 59 41 40	79 38 77 18 77 32 79 59 78 02	1080 T10 1580 1230	8 A 7 A	BA TA 3P 7A	СН	EUGENE R. YDUNG PA. STATE COL. EXP.STA. DITO O. BACON PON. CUT FLOWER CO. CORPS OF ENGINEERS	,	JERSEY SHORE	4363 4585 4390 4432	LYCDHING CAMBRIA CAMBRIA MC KEAN	16 4	41 12 40 20 40 18 41 41	77 15 78 55 78 55 78 48	541 1214 1275 1750	9.A	7A 9A		н	PA+ DLPT+ PRST+ + WIRS+ GEDRGE R+ WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUOOLPH A+ ANDERSON
8E 8E 8E 8E	AR CREEK OAH AR GAP AVER FALLS AVERTOWN	0455 0457 0475 0482	LUZERNE NORTHUHBLAND BEAVER SNYOER	15	41 07 40 50 40 48 40 45	75 44 76 50 8D 18 77 10	1505 900 760		7A 5P 7A 7A	c	CORPS OF ENGINEERS CORPS OF ENGINEERS ROARING CREEK WATER CO. HOWARD R. KEMP MARLIN R. EITINGER		KEGG KETTLE CREEK OAM KITTANNING LOCK 7 KREGAR 4 SE	4481 4545 4611	CLEARFIELO BEOFORO CLINTON ARMSTRONG WESTMORELAND	16 18 18 17	41 07 39 59 41 22 4D 49 4D 06	78 D7 78 43 77 56 79 32 78 14	950 1280 930 790 2530		7A 4ID /AR			PA. TURNPIKE COMM. CORPS OF ENGINEERS CORPS OF ENGINEERS INACTIVE 12/59
8E 8E 8E	CHTELSVILLE  LLEFONTE 4 S  RNE  RWICK  THLEHEM	053D 0598 0611 D629	BERKS CENTRE BERKS COLUMBIA NORTHAMPTON	14 16 14 15	A0 51 AD 51 41 D4 40 37	75 36 77 A7 76 0D 76 15 75 23	1110 529 570 240	na.	FA B FA B FA B FA B FA B FA B FA B FA B	4	PAUL W. FISHER  ROCKVIEW PRISON FARM FLOYD W. TRUMP AMER. CAR + FNDRY. CO. CITY OF BETHLEHEM		LAKE HINISINK LAKEVILLE 1 NNE LANCASTER 2 NE PUMP STA	4706 4727 4735 4738	WAYNE LANCASTER	1 5 5 15	40 54 41 48 41 13 41 27	75 34 78 40 75 03 75 16 76 17	72D 2130 1360 144D 255	6P	7A 7A 8A 6P			CITY OF BETHLEHEM  INACTIVE 12/59 MR5. IRENE FOREMAN MRS. GLADYS REINEKE LANCASTER WATER SUR.
8L 8L	THERM LEHIGH UNIV  AIN  AIRSVILLE & ENE  AKESLEE CORNERS  OSERVILLE 1 N	0725 0736 0743	PERRY INDIANA MONROE CUMBERLAND	15	40 38 40 20 40 27 41 06 40 16	75 23 77 51 79 09 75 36 77 22	750 2048 1650		8P 8A	c c	PA. OEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS		LANCASTER 2 NE FILT PL LANDISVILLE 2 NW LAURELTON STATE VILLAGE LAWRENCEVILLE 2 S	4763 4778 4859 4873	LANCASTER	15 15 15 15		78 17 76 26 77 13 77 D7 76 29	36D 880 1000 460	8A 6P		BA C	G	PA. STATE COLLEGE PA. OEPT. OF WELFARE HARRY P. HOWLAND LEON MILLER
BR.	SWELL I SW ADDOCK LOCK 2	D821 D861	ALLEGHENY MC KFAN	10 1	4D 09 4D 24 41 48 41 57 41 57	79 D2 79 52 78 38 78 39 78 44	725 2121 150D	M10 M	7A 7A	С	MRS. EMMA SHAULIS  CDRPS OF ENGINEERS FED. AVIATION AGENCY BRAOFDRD WATER DEPT. BRAOFDRD WATER DEPT.		LEBANON 3 SW LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN	4896 4934 4972 4984	LEBANON CARBON BRAOFORD MC KEAN MIFFLIN	9 15 1	40 19 4D 50 41 41 41 5D	76 28 75 43 76 43 78 39 77 35	580 1040 1740	ľ	7A 8A 7A	0		GDODWIN 5. OEFREHN LEAMDN M. BAUMAN RUSSELL LINEMAN
BR BR BR	EEZEWDO0	1002 1033 1075	BEOFORD  JEFFERSON ALLEGMENY SOMERSET BEOFORD	1 10 4	4D DD 41 09 40 18 4D D4 59 57	76 14 79 06 79 59 78 50 78 39	1352 1417 1069 2460	H DIH	10	н	PA. TURNPIKE COMM.  FED. AVIATION AGENCY AUSTIN R. CODPER ALVIM W. HANGES		LOCK HAVEN	5104 5109 5160 5275	CLINTON CLINTON MONROE FOREST	16 16 9	41 08 41 08 41 03 41 36	77 27 77 27 75 30 79 03	630 1860 1295	7.A	7A 7A 7A 7A		. н	AHERICAN YISCOSE CO. JDHN P. FREY HUGH F. PARKER THOMAS MECKES CDRPS OF ENGINEERS
8UI # 8U Bui	RGETTSTOWN 2 W RNT CABINS 2 NE TLER TIER SURSTATION	1115 1115 1150 1135	WASHINGTON HUNTINGDON BUTLER BUTLER	6 2 2	A0 23 40 05 40 52 40 51	80 26 77 52 79 54 79 53	98D 990 11D0 114D	5P 8A	7A 5P 8A	c	CLIFFORD C. ADAMS SMITH TWP. MUN. AUTH. PA. TURNPIKE CDMM. ROGER CLARK MEST PENN PDWER CD.		MAPLE GLEN MAPLETON DEPOT MARCUS HOOK	5342 5368 5381 5390	CLEARFIELD CLEARFIELD MDNTGOMERY HUNTINGDON DELAWARE	16 16 5 6 5	40 50 40 53 4D 11 4D 24 39 49	78 26 78 44 75 11 77 56 75 25	146D 1280 38D 58D 12	7A	A7 A6 A6 A7 A1			MRS. JULIA J. SHOFF MISS ELLEN J. MILES FRANCES E. SCHEIBNER MRS. I. S. BUCHANAN SUN OIL CO.
CAI	MP NILL MP KLINE NTON 1 NW RLISLE RROLLTOWN 2 SSE RTER CAMP 2 W	1203	CUMBERLAND LYCOMING BRADFORD CUMBERLAND CAMBRIA PDTTER	15 15 16	40 19 41 16 41 40 40 13 40 35	76 55 77 20 76 52 77 12 78 42	2040	7A 6P	6P 7A 7A 6P 8A	СНН	JOSEPH N. MDBAPT LESLIE D. DOWLING MRS.MILDRED SPENCER CARROLL G. MILLER RDBERT F. MAURER			5454 5470 5526	FULTON	1 6 5	41 27 40 45 40 18 41 22 39 56	79 09 79 02 78 19 74 42 78 00	1700 1610	6P	7A 1D 7A 8A	0		ROY A. MARKER CDRPS OF ENGINEERS FEO. AVIATION AGENCY HARRY BISLAND MRS. HELEN M. SHIVES
CHO CHO	ADDS FDRD AMBERSBURG 1 ESE RRLERO;	1301 1342 1354 1572	LYCOMING DELAWARE FRANKLIN WASHINGTON	16	41 37 41 31 39 52 39 56 40 08	77 45 77 27 75 37 77 38 79 55	2030 800 170 640 1040		7A 7A 7A 9P	C	RICHARD L. MENKEN KATHRYN T. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENDER WEST PENN POWER CD.		MC KEESPORT MEADDW RUN PONDS MEADVILLE 1 S MEOIX RUN	5601 5606 5627	ALLEGHENY LUZERNE CRAWFDRO ELK MERCER	10 15 1	40 21 41 13 41 38 41 17 41 15	79 52 75 40 80 10 78 24 80 13	720 1995 1065 1100 1160		8A 7A 7A	000		NATIONAL TUBE CO. GEDRGE PEARAGE CITY OF MEADVILLE MPS.E. M. SNYDER MRS. FRAN. STRUTHERS
CL	ARLERDI LOCK A ARENCE ARIDN 3 SW AUSSVILLE	1377 1480 1485 1505	WESTMORELAND CENTRE CLARIDN LEHIGN WASNINGTON	10 16	4D D9 4I 03 4I 12 40 37 40 D7	79 54 77 56 79 26 75 39 80 28	749 1410 1114 670 1000	8P	7A 7A 7A 8A 7A	c	CORPS OF ENGINEERS MISS VELDA SWANCER  PA. ELECTRIC CO. WILLIAM J. DOTTERER MFGRS. L. + H. CD.		MERCER HIWAY SHEO MERCERSBURG MERWINSBURG MEYERSDALE	5654 5662 5676 5684	MERCER FRANKLIN MDNRDE SDMERSET BRADFDRD	12	41 14 39 49 40 58 39 49 41 56	80 15 77 54 75 28 79 01 76 31	1250 615 985 2100	8.4	8A 7A	c		PA. OEPT. HIGHWAYS RDLLIN P. GILBERT  ARTHUR A. SMITH PAUL E. FULLER CHARLES E. STROUD
CLE	EARFIELO ERMONT ERMONT 4 NW	1519 1529 1534 1589	CLEARFIELO MC KEAN MC KEAN CHESTER	16	41 D1 41 41 41 A4 39 58 39 48	78 26 78 30 78 32 75 50 79 22	1100 2104 1620 342	5P 8A	7A 7A 8A	c	MRS. TILLIE M. SIMONOS  MRS. TILLIE M. SIMONOS  PHILA. ELECTRIC CD.		MILANVILLE MILLERSBURG 2 E MILLHEIM MILLVILLE 2 SW	5738 5775 5790 5817	WAYNE DAUPHIN CENTRE CDLUMBIA	15 15 15	41 40 40 32 4D 53 4I 06	75 04 76 56 77 29 76 34			7A 7A	C		CHARLES W. DAVIS RUSSELL SHEPLEY NEVIN E. BDWERSDX KENNETH LEIGHDW
CON	FREGUTVILLE INEAUTVILLE	1710	FAYETTE CRAWFORD CRAWFORD FAYETTE FAYETTE	17 8 1	19 50 41 45 41 46 40 01	79 22 80 22 80 15 79 36	1331 1000 1110 870	9A	8A 8A 7A 9A 8A 8A	c	CORPS OF ENGINEEPS JOHN L. PEID S. CARLYLE SHELDDN MRS. PALLA J. TAUTIN MARSHALL 8. MENEFEE		MONTGDMERY LDCK AND DAM HONTROSE MORGANTOWN MT GRETNA 2 SE	5902 5915 5956 6028	LANCASTER	6 11 15 15	4D 43 40 39 41 50 40 D9 40 14	77 35 80 23 75 52 75 54 76 26	770 692 1560 595 670		8A 7A 7A 1D	c		THDMAS C. HARBESON CORPS OF ENGINEERS RALPH TAYLOR PA. TUPNPIKE COMM. PA. TURNPIKE COMM.
COR	ISMONDEKEN KSBURG RAOPOLIS NEVILLE IS RRY	1737 1749 1773 1790	MDNTGDMERY CLARIDN ALLEGMENY ERIE	1111	40 D1 40 D4 41 20 40 30 41 55	79 33 75 19 79 13 80 05 79 39	70 1180 72D 1A4D	6P	8A 8A 8A	C	HARRY C. JDY PHILA. ELECTRIC CD. PA. DEPT. FRST. + NTRS. PGM. CDKE + CHEM. CO. RICHARD T. MDUNTAIN		MUHLENBURG I SE MURRYSVILLE MYERSTOWN	6111	MIFFLIN LUZERNE WESTMORELAND LEBANON ALLEGHENY		40 24 41 13 40 26 40 22 40 37	77 53 76 08 79 42 76 18 79 43	82D 111D 900 480 800		8A 7A	c		MT. UNION WATER WORKS INACTIVE 2/6D DAVID C. SMAW MRS.KATHLEEN WANOELL CORPS OF ENGINEERS
COV	DERSPORT 3 NW JOERSPORT 6 E VINGTON 2 WSW	1806 1809 1833	POTTER POTTER	16 15	41 49 41 46 A1 44 40 41 40 27	78 03 77 53 77 07 79 12 78 34	2020 2425 1745 1035 25A0	7P .	8A 8A 7A 7A		MISS ELIZABETH NEFF MRS. MENRIETTA O DEITER CALVIN R. PACKARO CORPS OF ENGINEERS		NEFFS NILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N	6233	LAWRENCE FAYETTE	5 2	40 40 40 09 41 01	77 55 74 57 8D 22 79 54 76 30	900 60 825 805	5P M	1D 7A	c		PA. STATE UNIVERSITY PHILA. SUB. WATER. CD. LEWIS W. HAMILTON GENERAL CHEMICAL CD.
DEV	WILLE AULT 1 W IGMANS FERRY	1978 2013 2116	MC KEAN HONTOUR CHESTER	1 15 14	41 55 40 58 40 05 41 13	78 41 76 37 75 33 74 52	212D 460 360 M	110 M	7A 1D	c	FRED A. PLEMPEL INACTIVE 12/59 MRS. MARIE H. LITTLE PA. TURNPIKE COMM. THDMAS A. HOTALEN		NEWPORT NEW STANTON NEW TRIPOLI NORPISTOWN	6297 6310 6326 6370	PERRY WESTMORELAND LEHIGH MONTGOMERY	6 10 14	39 44 40 29 40 13 40 41 40 07	77 08 79 36 75 45 75 21	980 570 75	7A M10 M	6P 7A 1D 6P 8A		н	CLINTON J. ALLEN MRS. FRANCES K. FRY PA. TURNPIKE COMM. FRED C. OSWALD  BORDUGH OF NORRISTOWN
DOM DOM DOM	LESTOWN	2190	WASHINGTON BUCKS CAMERON	17	41 32 40 07 40 ID 40 18	75 57 79 23 79 52 75 D8 78 O8	1746 N	5P !	10	СН	MARDLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES GEDRGE MART SIDNEY KENNEDY		ORWELL 2 NW PALM PALMERTON PARKER	6681	BRADFDRD MDNTGDMERY CARBON ARMSTRDNG	9	42 12 41 55 40 26 40 48	79 49 76 18 75 32 75 37	1D60 1340 385 435	MID M	9A 8A 8A ID	c		ELLSWORTH WEAVER ELMER T. MODRE FREO C. ESCHBACH NEW JERSEY 21NC CO.
EAC	IHORE 2 SSW BLES MERE	2298 ( 2325 : 2343 :	CAMBRIA SULLIVAN	16	A1 06 4D 17 A1 29 41 24 4D 59	78 38 78 43 76 25 76 35	2410 1910 2020	7A .	5P 8A 7A 5P	C	CITY DF DU BDIS MRS. D. L. WHITE RDBERT J. OBERT FRANCIS B. HANLEY A. B. KEMPEL	•	PARKER 1 E PAUPACK 2 WNW PHIL DREXEL INST DF TEC PHILADELPHIA WB AP	6724 6762 6879 6889	CLARION PIKE PHILADELPHIA PHILADELPHIA PHILADELPHIA	1 5 14 5	41 D6 41 24 39 57 39 53	79 4D	1100 1360 3D 7		AB D D	c	нЈ	P. M. NEELY MISS L. VETTERLEIN FRANCIS K. OAVIS. JR. U.S. WEATHER BUREAU
EMP	NBORD PORTUM 1 N GLISH CENTER	2514   2635   2644	CAMERON LYCOMING	1 16 16	40 29 41 52 41 32 41 26 40 11	78 43 8D D8 78 14 77 17 76 1D	2D9D 1220 1560 680	7P 8	7A BA BA	СН	ROBERT A. WASSER EDINBORD ST. TCHR. COL. MRS. TALLIE M. BRITTON WILLIAM SUDERS STANLEY L. VOM NEIDA		PHILIPSBURG FAA AP PHDENIXVILLE 1 E PIKES CPEEK PITTSBUPGH WB AP 2	6916 6927 6939 6993	CENTRE CHESTER LUZERNE ALLEGHENY	6 14 15 11	40 54 40 07 41 18 40 30	78 05 75 30 76 08 80 13	1918 105 1320 1151	MID M 5P M	10 7A 10	0000	н	ATLANTIC REFINING CO- FED- AVIATION AGENCY PHILA. SUB- WATER CDMM. HARRY SHELDON U-S. WEATHER BUREAU
ER1 ER1	FINUNK 2 E CO FIELD RSCH LAB E WB AIRPORT RETT 1 SW	2671 1 2673 1 2682 1 2721 1	R1E	5 8 8	41 51 42 13 42 05 40 00	75 13 79 51 8D 12 78 23	910 740 732 1020	1D M1	7A ID BA	G HJ	MRS. HENRIETTA MURRY FIELO RESEARCH LAB. U-S. WEATHER BUREAU PA. TURNPIKE COMM.		PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNXSUTAWNEY	7029   7116   7161   7217	WAYNE SCHUYLKILL SCHUYLKILL JEFFERSON	5 14 14	40 27 41 44 40 35 40 42 40 57	76 11 79 DD	1800 450 690 1300		8A 7A 8A	000	Н	U-S- WEATHER BUREAU WILLIAM POLIVKA MRS- ADA E- RARICK LLOYD E- WELLER CARL E- ROTOLO
FOR FRE GAL	ID CITY A S OAM INKLIN EELANO ETON	2942 / 3028 / 3056 ( 3130 i	ARMSTRONG VENANGO LUZERNE POTTER	1 1 15 16	41 14 4D A3 41 23 41 01 41 44	80 30 79 30 79 A9 75 54 77 38	950 987 1900 1365	8A 4	7P BA BA 7A BA 7A		SHARON STEEL CORP. CORPS OF ENGINEERS JAMES A. RHOADS ANDREW B. EVANSHA STANLEY G. LUSH	*	GUAKERTOWN 1 E RAYMOND READING WB CITY RENOVO	7239 8 7310 8 7318 8 7409 6	CL1NTON	13 14 16	4D 55 40 26 41 52 40 2D 41 20	75 58 77 45	1270 490 2220 266 660	5 P	8A 7A 7A 10 7A	000	нл	CORPS OF ENGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAN U.S. WEATHER BUREAU ELMER G. BATSCHELET
GET GET GET	RGE SCHOOL TYSBURG TYSBURG 1 S FORO		BUCKS ADAMS AOAMS MC KEAN	12	4D 13 4D 13 39 50 39 48 A1 51	75 50 7A 56 77 14 77 14 78 36	400 135 540 530 2220	8A I	9A 8A 9A	С	WALTER C. WOLF GEORGE M. HART HUGH C. MC ILHENNY NATIONAL MILITARY PARK INACTIVE 12/59		REW RICES LANDING L 6 RIDGWAY	7425 F 7443 C 7477 F	CLINTON MC KEAN GREENE ELK BEAVER	10	41 14 41 54 39 57 41 25 40 43	77 46 78 32 8D 00 78 45 8D 18	2035 2250 775 1360 900	- 1	8A 7A 8A	С		C. F. BILLETTE EDWARD P. CLARK CORPS DF ENGINEERS BORDUGH OF RIDGWAY DEOUESNE LIGHT CO.
GLE GLE GLE	N HAZEL 2 NE DAM NMOORE IN ROCK NWILLARD DASH DAM	3311 ( 3321 ( 3330 ) 3343 (	ELK CHESTER FORK ALLEGHENY	1 5 15	39 49 41 34 40 06 39 A8 40 33	78 51 78 36 75 47 76 4A 80 13	1620 1725 440 620 705		8A 7A 7A	c	MRS. MARY M. MARTMAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. MC WILLIAMS CORPS OF ENGINEERS		RUSSELL SAFE HARBOR SAGAMORE I S	7729 1 7732 1 7739 1	SUSOUEHANNA HARREN LANCASTER INDIANA HESTMORELAND	1	41 47 41 56 39 55 40 46 4D 31	76 D7 79 D8 76 23 79 14 79 33	270 1320 1109		7A 8A 7A 6P	c		CARL KOPATZ MIKE L. FERRIE S.M. WATER POWER CORP. CORPS OF ENGINEERS MUN. AUTH. WSTMRLO. CO.
GRA GRA GRE	TERFORO 1 E EENSBOW LOCK 7 EENSBURG 2 E	3515	MONTGOMERY MONTGOMERY SREENE WESTMORELAND	14 14 10	41 15 40 14 40 14 39 47 40 18	75 27 75 27 75 26 79 55 79 31	1890 155 240 808 1225	7A 1	7A 7A 7A 7A	н	OANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. DEPT. HIGHWAYS		SCANDIA Z E SCHENLEY LOCK 5 SCRANTON	7855 k 7863 d 7902 L	BEDFORD WARREN ARMSTRONG LACKAWANNA LUZERNE	1 1 15	40 12 41 55 40 41 41 25 41 20	78 15 79 01 79 40 75 40 75 44	780 2D40 783 746 940	7A V	7A	c	Į,	MRS. ALVERTA L. HOLMES DAVID R. ANDERSON CORPS OF ENGINEERS U.S. POST OFFICE U.S. WEATHER BUREAU
# HAR HAR HAY	IOVER RISBURG WB AP RISBURG NORIN LEY	3526 1 3662 1 3699 1 3704 0 3758	ORK ORK DAUPHIN	15	41 24 39 A8 4D 13 4D 18 41 29	80 23 76 59 76 51 76 54 75 10		1 0	BA ID	C HJ	C. EARL MILLER MANOVER EVENING SUN U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES		SHADE GAP 2 NE SHAMOKIN SHEFFIELD 5 W	8026 h	BUCKS HUNTINGDON WORTHUMBLAND WARREN FRANKLIM	15 1	40 23 40 12 40 48 41 42 40 03	75 20 77 52 76 33 79 D8 77 32	530 920 770 1920 709		8A 4P	c		SELLERSVILLE WATER CO. MRS. HELEN N. PYLE ROARING CREEK WATER CO. WILBUR R. NORDIM KEITH 8. ALLEN
# HOL HOL HON	LIOAYSBURG LISTERVILLE TWOOD	3761 1 4001 8 4008 1 4019 1 4027 1	BLAIR	6 5 15	41 28 40 26 41 23 39 50 4D A5	75 11 78 24 75 26 76 20 79 06	1200 960 1360 187 M		SA SA	Сн	PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. MRS. EDNA M. BUSH	1	SIZERVILLE SLIPPERY ROCK SMETHPORT HIGHWAY SHED	8155 0 8184 8 8190 8	CAMERON CAMERON BUTLER MC KEAN SOMERSET	16 16 2	41 19	78 05 78 11 80 03 78 27 79 05	79D 1230 1345 1510 2140	7P	7A 7A 7A	c	н	MRS. FRANCES CALOWELL MRS. AGNES LION RAYHOND E. MILLER PAHDON DEPT. HIGHWAYS HOWARO G. PECK
HON	ESDALE 6 NNW EY BROOK 1 W BOTTOM 2 SE	4066 5	HESTER	5	A1 37 A1 39 A0 06 41 A3 40 29	75 19 75 17 75 56 75 A3 78 D1	1410 1050 7DD 9DD	3	PA PA PA	c	GEORGE C. WILLIAMS FRIENO E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER		SOUTH CANAAN 1 NE SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE	8275 8 8308 F 8379 1	VAYNE FRANKLIN YORK CENTRE	5 12 15	41 31 39 51 39 52 40 48 40 48	75 2A 77 3D 76 52	1400 1520 470 1175		7A BA 7A	0 00	1	PA. ODATE UNIVERSITY PA. STATE UNIVERSITY PA. STATE UNIVERSITY
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STILLWATER DAM STOYSTOWN STRAUSSTOWN STRONGSTOWN STROUDSBURG	8560 8570 8589	SUSOUEHANNA SOMERSET BERKS INO I ANA MONROE	15 4 14 4 5	40 06 40 29 40 33	75 29 78 57 76 11 78 55 75 12	1800 600 1880	9A 11P	9A 8A 11P	0		CORPS OF ENGINEERS VERNON MONG JACOB KLAHR MARRY F. BENNETT WILLIAM HAGERTY	WHITESBURG WILKES-BARRE WILLIAMSBURG WILLIAMSPORT WB AP WIND GAP	9702 9714 9728	ARMSTRONG LAZERNE BLAIR LYCOMING NORTHAMPTON	1 15 6 16 5	40 28 41 15	79 24 75 52 76 12 76 55 75 18	610 860 527	MID	7A 7A 7A MID		C MJ	CORPS OF ENGINEERS MRS. MARY G. MIRMAK MYRON K. BIDDLE U.S. WEATMER BUREAU MRS. MARY D. MOELZEL
STUMP CREEK SUNBURY SUSOUEMANNA TAMAOUA TAMAOUA 4 N DAM	8668 8692 8758	JEFFERSON NORTHUMBLAND SUSOUEHANNA SCHUYLKILL SCHUYLKILL	1 15 15 14 14	41 57 40 48	78 50 76 47 75 36 75 58 75 59	1320 480 1020 830 1120		7A 7A 7A 8A 7A		:	CDRPS DF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WTR. CO.	WOLFSBURG YORK 3 55W PUMP STA YORK 2 5 FILTER PLANT YORK HAVEN YOUNGSVILLE	9933 9938 9950	BEDFORD YORK YORK YORK WARREN	15	39 55 39 56	78 32 76 45 76 44 76 43 79 19	390 640 310	50	7A 5P 8A		c	WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY METROPOLITAN EDISON CO. MENRY CARLETT
TAMARACK 2 S FIRE TWR TIDNESTA 2 SE DAM TITUSVILLE TITUSVILLE WATER WORKS TOBYMANNA	8673 8885 8886	CLINTON FOREST CRAWFORD CRAWFORD MONROE	16 1 1 1 5	41 29	77 51 79 26 79 40 79 42 75 25	1200 1550 1220	79	79		M C M	MRS. FRANCES SWARTZ CORPS OF ENGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRAOY	210N GROVE 210NSVILLE 3 SE CDMBINED STATIONS WAYNESBURG 2 W	9995	SCMUYLKILL LEHIGM GREENE	14	40 54 40 28	76 13 75 27 80 13	680		7A 8A			JAMES D. TEETER LESLIE HOWATT  COMBINED WITH STA 9367
TORPEDO 4 W TOWANDA 1 ESE TOWER CITY 1 S TROY TUNNELTON	6905 6912 6959	WARREN BRADFORD SCHUYLKILL BRADFORD INDIANA	15	41 45 40 34 41 47	79 32 76 25 76 33 76 47 79 23	1735 745 790 1100 690					MRS. LILY B. GARBER LEVERN ROOT JOHN MURRY, JR. JENNIE L. BALLARD MRS. MARY E. WEIMER												
TURTLEPOINT 4 NE TYRONE 4 NE HALD EAGLE UNION CITY FILT PLANT UNIONTOWN VANCERGRIFT	9024 9042 9050	MC KEAN BLAIR ERIE FAYETTE WESTMORELAND	1 6 1 10 7	41 54 40 43 41 55 39 54 40 36	78 16 78 12 79 48 79 44 79 33	1020 1400 1040	1	7A 7A 7A 6P 7A		c	ROBERT D. STRAIT FREDERICK L. FRIDAY HAROLD W. HAMMOND WM. W. MARSTELLER UNITED ENG. + FNDRY.CO.												
VIRGINVILLE WARREN WASHINGTON WATSONTOWN WAYNESBURG 1 E	9298 9312 9345	BERKS WARREN WASHINGTON NORTHUMBLAND GREENE	16		75 52 79 08 80 14 76 52 80 10	1280 1200 490	79	6A 7A 9P 8A		СН	MRS. MARY M. WRIGHT GILHERT H. REIER PA. DEPT. MIGHWAYS WILLIAM HIRD BOROUGH OF WAYNESBURG												
WELLSBORD 3 S WEST CHESTER WEBSTER MILLS 3 SW WEST GROVE 1 SE WEST MICKORY	9464 9380 9503	TIOGA CHESTER FULTON CHESTER FOREST	5	39 49	77 16 75 36 78 05 75 48 79 25	920 450	6 A	7A 8A 6A 6A		c	MARIDN L. SHUMWAY DAILY LOCAL NEWS MRS. DORA I. LYNCH CONARD-PYLE CD. MRS. MELEN F. KINNEAR							-					

\$ 1-ALLBERNEY; 2-BEAVER; 3- 4-CONEMAUCH; 5-DELAWARE; 6-JUNIATA; 7-KISKIMINETAS; B-LAKE ERIE; 9-LEMIGE; 10-MONONGAHELA; 11-CHIO; 12-POTOMAC; 13-LAKE OMTARIO; 14-SCREVLEILL; 15-SUSQUERANNA; 16-WEST BRANCH; 17-TOUGHICGRENT

Additional Information regarding the climate of Pennnylvania may be obtained by writing to the State Climatologist at Weather Eureau Airport Station, Harrimburg State Airport, New Cumberland, Pennsylvania, or to any Weather Eureau Office mear you.

Figuree and lettere following the etation name, such an 12 SSM, indicate dintance in miles and direction from the post office. Dalayed data and corrections will be carried only in the June and December issuen of this bulletin.

Monthly and seasonal anowfall and heating degree days for the 12 months coding with the preceding June data will be carried with the July sease of this bulletin.

Stations appearing in the Index, but for which data are not llated in the tablea, either are minaing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in 'F, precipitation and evaporation in lockes and wind novement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F,

Evaporation is measured in the standard Meather Bureau type pan of 4 foot disseter unless otherwise shows by footnote following the "Evaporation and wind" Table. Mas and Min in "Evaporation and Wind" Table refer to extreme of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of anow, alset, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the scowpack may result in apparent inconsistencies in the record,

Entries of anowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include anow and elect. Entries of anow on ground include anow, elect and ice.

Data in the "Extremes Table": "Daily Procipitation" Table; "Daily Temperature" Table; and "Evaporation and wind" Table; and nowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of chnervation. The Station index shown chnervation times in local standard time. During the aummer months some chnervers take the observations on daylight awaims time.

Soow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Reather Bureau and FAA stations. For these atations andwo on ground values are at 7:00 a.m., E.S.T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tablem", indicate the following

C Rocording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later to "Bourly Precipitation Data" Bulletin. G "Soil Temperature" Table.

H "Sourfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

- No rocord in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry, Interpolated values for southly precipitation totale may be found in the senual issue of this publication, for record in the Supplemental Data" Table; "Daily Temperature" Table; "Daily Temperature" Table; "Daily Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Indox.

  And also on any left date or dates.

  And also on any left date or dates.

  Assount beluded in following senanurement, time distribution unknown.

  Therementer are generally exposed in a shelter located a few frest shows sod-covered ground; however, the reference indicates that the therementers are exposed in a shelter located on the roof of a building.

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  Eage is equipped with adobted.

  And out the control of the con

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the hintery of changes in locations, elevations, expanse, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Shallar information for regular Weather Bureau stations may be found in the latest annual insue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Submortption Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders inhould be made payable to the Superintendent of Documents, Government Printing Office, Mashington 25, D. C. Superintendent of Documents, Government Printing Office, Mashington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 7/3/62 --- 1075

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#### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

JUNE 1962 Volume 67 No. 6



CHIVERSHY OF THE LUNDIS

#### PENNSYLVANIA - JUNE 1962

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 19th at Scranton.

Lowest Temperature: 33° on the 3rd at Kane 1 NNE, Coudersport 3 NW.

Greatest Total Precipitation: 7.74 inches at Mercer 2 NNE.

Least Total Precipitation: 0.59 inches at Greensboro Lock 7.

Greatest One-day Precipitation: 3.14 inches on the 13th at Berne.

# CLIMATOLOGICAL DATA

PENNSYLVANIA JUNE 1962

PLEASANT MOUNT 1 W   74.9   50.5   62.7   69.6   69.6   1.3   97   19   44   3   14   18   18   18   18   18   18   18	1962
POCONO MOUNTAINS  PRECLAND  TO START FOUNT 1 W  TO START FOR START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START START HOUNT 1 W  TO START HOUNT 1 W  TO START START HOUNT 1 W  TO START	
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FREELAND	1.00 or Mor
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ALLENTOWN WB AP  R  ALLENTOWN GAS CO  82.0 58.8 70.4 0.7 93 19 50 7+ 6 1 0 0 0 2.87 - 1.13 **8.12 ***.00 0 6 2	
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COATESVILLE 1 SW DEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORD 1 E HOLTWOOD LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LEBANON 3 W MARCUS HOOK MARCUS HOOK MORANTOWN MT GRETNA 2 SE NORRISTOWN MT GRETNA 2 S	
DEVAULT 1 W	
DIVISION 71.0 - 0.1 3.90 .00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 3 1 1 1 1 0 0 3 1 1 1 1 3 2 2 1 1 1 0 0
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BLOSERVILLE 1 N 80.8 57.8 69.3 92 18 50 3 92 0 0 0 2.70 -1.24 1.53 13 .00 0 8 111 CARLISLE 83.4 60.0 71.7 0.0 93 18 52 22+ 0 3 0 0 0 2.63 -1.24 1.08 23 .00 0 6 41 GETTYSBURG HARDERS BURG 1 ESE 81.9 57.2 69.6 -1.2 91 19 48 7 4 2 0 0 3.6444 2.97 12 .00 0 3 11 HANOVER HARRISBURG WB AP R 82.5 61.6 72.0 0.5 94 19 55 22 4 3 0 0 0 2.27 -1.25 .66 24 0 0 7 2 0 MERCERSBURG 82.5 57.4 70.0 92 19 47 8 8 3 0 0 0 2.92 -1.08 1.03 6 0 0 7 2 0 MERCERSBURG 83.0 59.5 71.3 92 19 47 8 8 3 0 0 0 2.92 -1.08 1.03 6 0 0 7 2 0 VORK 3 SSW PUMP STA 83.9 59.5 71.7 0.2 93 19 47 7 1 2 0 0 0 3.96 .15 1.68 24 0 0 0 4 110	1 1 1 0 0 1 1
DIVISION 70.9 - 0.1 3.0375	
MIDDLE SUSQUEHANNA	
BERNICK   83.3   57.8   70.6   92   19.4   48   7.4   4.2   2.0   0.0   0.1   1.82   1.3   1.0   0.0   7.7   0.0	
UPPER SUSQUEHANNA	
AUST INBURG 2 W 77.3M 49.5M 63.4M 85 25+ 35 3 83 0 0 0 0 2.35 70 15 0 0 6 2 0 0 1XON 81.4 51.5 66.5 93 19 41 4+ 35 1 0 0 1.52 46.6 6 0 0 6 5 0 0 0 0 2.39 49 65.9 71.9M 56.0M 64.0M 83 19 49 7 69 0 0 0 0 2.39 49 40.00 0 0 1.81 - 1.49 4.66 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DIVISION   64.8 - 0.5   9 9 9 84 0 0 0 0 3.50   1.30 6 .0 0 7 2 1	
CENTRAL MOUNTAINS	
BELLEFONTE 4 S DU BOIS 7 E 77.3 52.6 6 65.0 85 30.4 40 7 44 0 0 0 0 3.46 1.04 12 .0 0 0 6 2 1 LOCK HAVEN 81.5 54.4 68.0 - 1.7 92 19 45 3 11 1 0 0 0 2.41 .63 14 .0 0 6 6 1 0 MADERA 77.2 50.0 63.6 85 19 41 8+ 64 0 0 0 0 2.54 .76 13 .0 0 0 82.0 REMOVO 82.5 51.5 67.0 93 19 43 4+ 18 2 0 0 0 2.05 - 1.67 .96 14 .0 0 6 2 0 REDGRAY 77.5 50.7 64.1 - 0.7 86 19 40 3 56 0 0 0 2.05 - 1.94 .41 1 .0 0 7 0 0	

## CLIMATOLOGICAL DATA

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CONTINUED				Tem	perat	ure							Ī				Dag :	ipitotion			J	UNE	1962
	Ī			10	perai					N	o. of	Days	-			<u> </u>	Frec	1	w, Sleet			lo of	Days
Station	ء ا			- P					Days	Mo	x.	Mir	n.		rture Normol	Doy			l _	_			0
	Average	Averoge Minimum	Average	Deporture From Norm	Highest	Dote	Lowest	Dote	Degree D	90° or Above	32° or Below	32° or Below	Below	Totol	Deporture From Norr	Greotest	Dote	Totol	Mox. Depth on Ground	Dote	.10 or More	.50 or More	1.00 or Mor
STATE COLLEGE	78.8	57.7	68.3	0.1	88	19	49	7+	16	0	0	0	0	2.39	- 1.1	8 .5	8 25	.0	0		6	1	0
DIVISION			65•2	- 0.9										2.51	- 1.2	9		•0					
SOUTH CENTRAL MOUNTAINS																							
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVEREIT 1 SW HUNTINGOON JOHNSTOWN KEGG MARTINSBURG FAA AP	79.0 82.1M 76.6 80.7 84.0 80.9 80.6 77.9	54.9 55.7M 52.5 55.2 54.7 56.9 55.6 56.8	67.0 68.9M 64.6 68.0 69.4 68.9 68.1 67.4	- 0.3 - 0.5 0.6 - 0.7	87 90 84 91 92 91 91 86	18	48	7 8+ 3 8 8 24 22+ 22+	19 6 43 14 6 16 11	0 2 0 1 4 3 1 0	00000000	0 0 0 0 0 0	0000000	3.07 2.15 2.62 1.92 3.04 2.75 .84 2.54	- 1.5 - 2.0 7 - 1.7	.7 .6 .6 .6 .7 .5 .7	5 4 11 2 6 2 13 1 6 3 12	.00	00000		6 7 6 4 7 9 2 5	2 2 3 2 3 2 1 2	1 0 0 0 0 0 0 0
SOUTHWEST PLATEAU																							
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W BUTLER CLAYSVILLE 3 W CONFLUENCE 1 SW OAM OONEGAL OONDRA FORD CITY 4 S OAM INDIANA 3 SE MARION CENTER 2 SE MONTGOMERY LOCK AND DAM NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM SALINA 3 W SLIPPERY ROCK STOYSTOWN UNIONTOWN WAYNESBURG 1 E OIVISION NORTHWEST PLATEAU	81.2 76.6 80.2 80.7 82.6 79.9 78.0 83.7 80.3 78.1 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1	57.2 58.5 55.5 55.9 54.1 60.1 55.3 54.1 55.3 57.0 56.5 59.5 59.5 4.3 60.7 53.4 60.7 53.4 60.7	69.2 67.4 66.9 68.3 66.7 66.1 71.9 67.2 66.9 70.0 69.8 71.7 69.3 72.4 66.7 66.8 71.7 69.3 72.4 66.8 69.3 71.7 66.8 69.3 72.4 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66	0.2 - 0.2 - 0.4 0.7 0.9 0.5		30+ 19 19 30 24+ 23+ 30 19	48 447 447 4527 447 453 4603 449 45	21 21+ 21+ 7 8+ 21 7+ 7- 21 21+ 7+ 7- 7 21 21+ 3 7 7- 21 21+ 3 7- 21 21+ 3	16 28 400 21 9 25 31 1 0 18 13 26 6 7 7 11 2 2 18 8 2 25	1 0 0 1 1 2 0 0 3 0 1 0 0 4 4 3 4 4 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	3.99 4.00 2.30 2.67 1.250 2.11 2.50 1.87 2.46 1.87 2.78 1.91 1.14 1.82 2.25 4.96 1.91 4.49 2.22 1.77 2.50	- 1.3 - 2.3 - 3.0 - 1.2 - 1.5 - 1.7	1.2 1.0 9 1.8 8 8 8 8 5 8 8 6 6 1.5 5 6 8 8 7 6 1.7 7 6 6 7 9 9 1.4 4 8 1.3 3 7 7 1.1	1 6 1 5 5 5 5 5 5 1 3 5 5 5 5 6 7 7 1 4 6 6 7 7 1 3 + 1 5 5 5 5 5 5 5 6 8 1 1 2 4 6 6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	.00	000000000000000000000000000000000000000		59567642766746226637266334	322211122131220441112252441222	0 2 0 0 0 0 0 1 0 0 0 0 0 2 0 0
BRAOFORD FAA AIRPORT BRADFORO 4 W RES BROOKVILLE FAA AIRPORT CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE CORRY COUGERSPORT 3 NW EAST BRAOY ERIE WB AIRPORT FARNKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEAOVILLE 1 S MERCER 2 NNE TITUSVILLE WATER WORKS WARREN OIVISION	73.5 76.1 77.5 74.6 76.0 79.2 78.0 76.6 83.6 85.2 80.6 85.0 77.7 77.9 80.1 75.6 78.8	50.7 47.7 52.3 47.6 50.3 52.7 53.3 45.9 56.0 57.9 59.1 55.4 55.7 54.7 47.1 54.2 53.9 50.6 53.7	62 · 1 61 · 9 64 · 9 61 · 1 63 · 2 66 · 0 65 · 7 61 · 3 69 · 8 66 · 8 72 · 2 68 · 0 70 · 4 66 · 2 61 · 4 66 · 1 67 · 0 63 · 1 66 · 3	- 0.4 0.1 0.9 1.1 2.0 - 0.6 - 0.4 - 1.1	82 83 88 83 89 86 85 91 88 84 88 87 88 84 87	18 18 18 30 29 19 29 30 30 9 29+ 30 19 30+ 30+ 29+ 30+	4052 4343 4344 4453 443 443 443 443 443 443	3 7+ 7+ 7 7 7 3 7+ 3 7+ 7+ 3 3 7+ 7+ 3 3 7+ 7+ 3	102 104 41 122 94 64 46 124 67 59 3 12 7 54 123 49 27 85 38	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000000000000	000000000000000000000	2 · 95 4 · 52 3 · 16 3 · 07 2 · 3 · 38 5 · 66 4 · 41 4 · 95 5 · 05 2 · 50 3 · 70 3 · 34 3 · 13 7 · 74 3 · 78 5 · 86	1.22 1.59 - 1.55 1.11 - 1.6611 - 1.11	1.7 1.4 3 2.4 4 1.0 8 1.3 3 .6 2 1.0 .7 .7 .7 3.0 0 .8 9 2.5	2 11 12 3 1 6 11 10 4 13 2 4 10 1 23 1 1 1 24 4 14	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	0000000000		6756588699657	3 4 2 3 1 3 5 2 3 3 1 5 3 3 1 4 6 2 4	0 2 1 1 0 0 3 2 1 1 1 1 0 0 4 0 1

								1	7	ZIL	11	LI	T.F.		IP	11	A	11	O1	V											PI	JUNE JUNE	VAR
Station	Total	-	2	3	4	5	6	7	8	. 9	10	11	1		-	of M		16	17	18	10	00	- 01	-	-00	0.1	05	00	0.00		Ties		T .
CHETONIA LOCK 1 ILLENTOWN WE AP ILLENTOWN GAS CO ILTONA HORSESHOF CURVE	2.95 R 3.54 2.87 3.07	.01 .05		3 _	-	.39 .55 .0T	.81 T	,		. 3	10	• ( T	05 1	61 84 05 1	.0 % .35 .60	1.41	1006		17	18	19	т	21 T	22	.20	+14	.01	26	27	28	29	30	31
RENDTSVILLE USTINGURG 2 W AKERSTUWN 3 WNW ARNES EAR CREEK DAM EAR GAP	2.35 3.99 2.56 1.71 4.95	17 10 10 10	.17	Ť		1.00 .05 .10		Т					30 .	.55	.25 .87 .30	.35	•10 •70 •07	T			.03		. 22		.03	•13 •07 •40	T • 05 • 34	***	• 07				
AVER FALLS AVERTOWN CHTELSVILLE LLFFONTE & S RNE	2.06	.32 .05 1.00	.49			.23 .02 .03	.15 .19 .20 .58					• 0	)9	49 12 70 2	.27	.24 .06 .08 .49	.30 .03 .07 .02 .28	T •12 •10					.06			.68 .06 .03 .07 .10	.02		• 0 9 ?	,			
RWICK THLEHEM THLEHEM LEHIGH UNIV AIRSVILLE 6 ENE OSFRVILLE 1 N	1.82 2.50 2.39 4.00 4.21	.06	.14		•02	.33 .01 .30 .75	•07 •43 T •30 •10				2	+1	11 .	16 84 99	.4T	*04 T *06	.16	•65 •43				.0;			.05 .08 .25	T *	.21 .04						
SWELL 1 SW A000CK LOCK 2 ADFORD FAA AIRPORT AOFORD CNIRL FIRE STA ADFORD 9 W RES	3 + 83, 1 + 70 2 + 95 4 + 85 4 + 52	.06 †	•06 •10		.01	.28 .23 .70 .18	.80 .65 .01 .90				•41	T 6 • 7	2 .	57	•20 •08 •31 •15	.61 .41 T .31	T •05				T +06	Ť			•02 f	•08 •02 •20 •12						.15	
EEZEWOOO CORVILLE FAA AIRPORT UCETON 1 5 IFFALO MILLS RGETTSTOWN 2 %	2.84 3.16 2.22 2.05 2.30	•02	• 27	•14	.0T	.71	1.07 .27 1.01				Т	• 6 • 0	5 1.	08 10 05 1	.22 .98 .05 .18	T •31	•01	•09				T -15	• 05		.45	+48	.21					т	
RNT CABINS 2 NE TLER MP KLINE NTON 1 NW RLISLE	2.15 2.67 3.18 3.49 2.63	•62	.39		•05	.70 .30 t	.10 .05 .44 .85					•0	8 .	21	.52 .50 .60	•31 •21 •05	T T T •27					.05			T 1.08	.05 .51	.54 .15 .65	.30	.94 T				
RROLLTOWN 2 SSE RTER CAMP 2 W DAR RUN A00S FORO AMRERSBURG 1 ESE ARLERO 1 LOCK 4	3.08 2.62 3.25 2.68 3.64	.14 .25 .25 .25	.40 .18 .15		Т	•33	•13 •55 •17 •48					• 2 • 0 T	8 1.	38 02 63 97	.63 .35 .75 .82	.58 .83 .78 .03 .03						.27	.48		.08	.80 T .05		т	T				
ARRINCE 1 E ARRINCH 3 SW AUSSVILLE AYSVILLE 3 W EARFIELO	4.16 3.07 2.92 1.90	.30	.07 .54 .06	Т	•03	T	1.02 .26 .53 .16	T	T			•0	8 .	74	.04 .89 .56 .62	.76 .56	.09 .04 .03	T • 24	T			Т	.01	Ť	T	• 26 • 29 • 42	.06						
RMONT & NW NESVILLE 1 SW NFLUENCE 1 SW OAM NFLUENCE 1 NW	2.3T 3.1T 2.11 1.73	.38	103			.02 T .51 .47	.62 .37 .47 .10					•0 •0 T •0	6 . 2 . 4 .	48 51 1	26 45 20 27	.77 .09 T .17 .14	•02					.34			T	.26 .33 .13 .02	.01 .08 .24 T						
NNEAUTVILLE 6 E NNELLSVILLE NSMOHOCKEN DKSBURG RAOPOLIS NEVILLE IS	3.85 1.98 3.44 3.49	.47 .08 .8T	•03		.08	.12 1.21 .04 .44	.10 .38 .14 .16					1.0	3 .	71 13 1 75 1 22	10 1 34 18 1	.18	•02	+04				T • 03 T	• 22 T		.10 .08	•20 •24 •11	.52						
RRY JOERSPORT 3 NW JOERSPORT 6 E /INGTON 2 WSW EEKSIOE	5.65 4.16 2.19 2.78 2.78	•16 •14 •10 •18	Т	т		.35 .01 T	.02 .40 .54 .78	T			1.31	T	9 .	12 1. 33 1. 87	.74 .31 .45	.12 .21 .36 .08	.27	т			Ť	Т	T T		.06 *	.57 .03 .42	.03 .39 .32		.10				
SSON 2 SE WILLE VAULT 1 W CON	3.02 2.93 2.T5 1.52	.30 T .21 .34	•48 •11		.38	.08 .22 .02	•19 •30 •46					• 0	8	08		.02	.08 .04 T	Т			т	• 25	т		. 10 T	•58	.17 1.07		• 03				
NORA YLESTOWN BOIS 7 E SMORE 2 SSW GLES MERE	.89 3.25 3.46 2.15	.11 .55	T .04			.60 .18 .45	•02 •06 •33 •59				.03	T	1 1.	52 1	29 50 61	T T	•20 •13 •06					•37	•03		.46	T •60 •30	.02 .57		T = 05				
IT BRADY NSBURG PORTUM 1 N LISH CENTER	4.41 2.62 2.41 3.18	.10 .30 .46	•33 † •37			.39 .08 .03 .01	•13 •42 •64					• 4: • T-	2	05 • 49 • 10 •	20	.29 .51 .63	*29 T					.17		.07	.18 T .03	1.40 .65 .21 .02	.03 .04		*03				
INUNK 2 E WB AIRPORT REIT 1 SW RELL SHARON O CITY 4 S OAM	2.09 4.98 1.92 2.15		.15 t			.26 .26 .12	.46 .62 .01				2.48		6 .6	05 • 35 •	92 59	. 03	•03	.05		T	•01				.09	•20	+41 T	.17				T	
NKLIN ELANO ETON GERTOWN RGE SCHOOL TYSBURG	5.05 1.86 2.93 3.24 5.62 2.27	.10	•30				.15 .08 .34 .42				.83	•0	1.0	15 40 T 04 1.	03 19	T .95	•06 •01	.41	•01				.20				.40 .02 .13		T •10				
N HAZEL 2 NE OAM NMOORE NWILLARO OASH OAM LOSBORO TERFORO	1.74 4.77 2.00	.30 .63	.13			.02 .20	.22 .50 .48 .26					+0	1.5	53 1.	23 18 17 33	.24 .02 .27	.16 .02 .09	•05				*04 T *04				.66 .0= .13	.06 .95 .11		. 06 . 13				
TERFORO 1 E ENSBORO LOCK 7 ENVILLE OVER	3 • 46	.02 .66	.08 .06 .01		•01	•25 •50	.15 .14 .10					Ť	1.1	11 T 28 .	77 55 26	Т	•09	.06				•0B	.29			.01 .0- T	.59	.10	.23 .16				
RISBURG NORTH LEY LISTERVILLE TWOOO ESOALE 4 NW	2.54 2.90 3.23 6.93	• 24 • 6 2	•10 •09			.27 .18 .11	·15 ·29 ·37					•31	• 3	08 1. 32 . 33 .	33 51 74	.09 .05	•12 •52 •01	.01 T .02				.04	.03			T •26 1•09 •94		•01	•20 •15				
EY BROOK 1 W BOTTOM 2 SE TINGOON ITSOALE DMAN	5.13 2.08 3.04 3.98 2.12	*13 T	•42 •50 •09			.02 .28 .40	.37 .64 .38 .34				Т	T T	1.3	34 1. 25 . 20 .	49 14 62 80	.2B	•10 •08 •38						.10			.30 .20 .83 .60	•22 •11 •07 •02		•23 •52				
IANA 3 SE ESTOWN 2 NW SEY SHORE NSTOWN E 1 NNE	1.99 3.70 2.50 2.75 3.34	1.00 .10	.06 .07			.10 .39 T	.41 .70 .42					• 03	3 .4	21 .	03 03 23 20	•13 •56	•11 •04					.10	•22		.29	.10	.08 T	.02	•01				
TANNING LOCK T	5.12 2.00	.22	•15 •04		Т		.48 .01 .35					•11 T	• 1	2.	45 54	.40	.39	+04								.71 1.21 .17	.18						

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Station	Total	1	2	3	4	E (		, ,	10	10	.,			of N				1									1	
LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA LANOISVILLE 2 NW	2.53 3.30 4.27 2.69	.05 .43 .09	•02 •02 •24	3	4		46 44 •	03	9	10	11	.36 .42 .29	.35	•03	.33	•02	17 18	19	.17	.02	22 23 T		T •08		27 •24 T	28 29	30	31
LAWRENCEVILLE 2 S  LEBANON 3 W  LEMIGMTON  LE ROY	1.81 3.44 1.87 1.63	•42	.50			.18	25 32 38			+12	•13	.18	.91	•07	•34 •05	•02 •05				.02	т	•06 •56 •03	.05 .39					
LEWIS RUN 3 5E LEWISTOWN LOCK MAVEN LONG PONO 2 W	2 • 22 3 • 22 3 • 20	•13 •30	•05			.01 .02	44 66 79				1 T	.46	.34 .67	.30		•02		•01	T		.01	.03 .80	.15 .04 .05		. 19			
LYNCH MADERA MAMAFFEY	1.39 2.85 2.54 3.06	.02 .31 T	.01			.07 .08 .18	24 40 25 27					.25 .60 .13	•30 •76 •53	.05 1.00 .70 .68	.12						.12 T	•12 •02 •48 •59	.20 .03 .02					
MAPLE GLEN MAPLETON OEPOT MARCUS MOOK MARION CENTER 2 5E MARTINSBURG FAA AP	4.45 2.34 6.00 2.46 2.54	.16 .13	•17 •31		.01	.04 .17 T	15 16 70			Т	*04 T T *25	2.14 .25	1.05	•08 •35	•05 •04	*10 T		•11	T 1.19 T	.08	.76 .01	.51	•44		T • 04			
MATAMORAS MC CONNELLSBURG MC KEESPORT MEAOVILLE 1 5 MEOIX RUN	2 · 12 2 · 68 2 · 55 3 · 13 2 · 84	.08 .51	T +25		•09	.04 .30 .62	57 35 69 51 27				.03 .03	.27		.74	T				•07		.77	.16			. 52			
MERCER 2 NNE MERCERSBURG MEYERSOALE MILANVILLE MILLMEIM		1.08 .08 .08	.18			1.23 . .05 1. .21 .	50 03 88 33				,	.16 .19	.88 .89 .35	1.05 .02 .13 .07	.45				•16 •27	•04 T	т	3.00 .02	T •17		•02 T			
MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND DAM MORGANTOWN	2.33 2.31 1.87 3.01	14 • 45 • 19	.98			T . T .	79 33 22 47				*11 T *11	1.04	.36 .38 .47	.34 T .22 .06	•19 •02 •38 •02 •05	ĭ			•27		•11	•05 •65	• 05		T T			
MT GRETNA 2 SE  MYERSTOWN NATRONA LOCK 4 NESHAMINY FALLS NEW CASTLE 1 N	2.31 2.12 3.56 4.70 2.78	.78	•15 •09			.54 .	14				.01	.23 .18	.75	+02 1.54 +02 +56	.44 .33	Т			•09	T	.54	.45	•11					
NEW PARK NEW PARK NEWPORT NEW STANTON NEW TRIPOLI	2.69 2.68 1.14 3.32	.65 .04	•09	-	.20	.08 . .06 .	03				.03	.74	•05 •06 •57	•03	.57	•06		.12	•28		.40	•98 •21	*01 T		τ			-
NORRISTOWN  NORTM EAST 2 SE  ORWELL 2 NW  PALM	2.57 3.43 1.16	T .10	.02	1		T .	90				•68 •02	.58 .95	1.19	.06 .37	.05	•01		•01	.03	.26	1.46	.03 .08 .21 .26	.08		τ			
PALMERTON PARKER PAUPACK 2 WNW	1.80 2.51 4.64	•01	.03 .15			.38	64				•33	•50 •41	•25 •10	.84	•06					•	•03	• 2 4 • 40		Т				П
PHIL OREXEL INST OF TEC PHILADELPMIA WB AP R PMILADELPMIA PT BREEZE PHILIPSBURG FAA AP	4.33 7.40 6.40 1.80	T T	•15		т	.18 . .14 . .23 . .14 T . .32 .	01				T •40 •03	.32 1.84 2.34 2.09 .36	.50 .59	.20 T	.01 .40 .06 .23			.02 .02	•13 •10 •01	T •11	.85 T 1.01	2.61 3.01	.04	T •04	.13			
PHOENIXVILLE 1 E PIKES CREEK PITTSBURGM WB AP 2 //R PITTSBURGH WB CITY R PLEASANT MOUNT 1 W	3 • 18 1 • 77 1 • 82 2 • 25 2 • 85	.02 .14 .34 .17	•02		•21 •08	.04 .58 .93	52			T •07	T T • 02 • 01	2.06 .31 .26 .04 .45	.71 .31 .33 .94	•02 •10 T	•06 •03	т			•30	•03	т	• 22 T • 11	.03		. 13		т	
PORT CLINTON POTTSVILLE PUTNEYVILLE 2 SE OAM QUAKERTOWN 1 E RAYMONO	6.35 2.54 4.96 3.25 3.26	•59 •55	T •01 •01				18				•16	.60 .15 .12 .46	2.45 .98 .60 .58	1.31 .03 .34	.42 .16	•13 •02 •11				.10	•02	.17 1.44 .07	2.16 .23 .02 .01	τ .	.12			
READING W8 CITY R RENOVO REW RICES LANDING L 6 RIOGWAY	1.46 2.05 3.88 2.95 2.05	.04 .07 .15	•06		T a	.45 .4	6 6 28				T T 1.24	.42 .16 .90 .27	.47 .11 .21	.96 .25	.03 T .03			•12	•04	т .	•29	·03	.05 .04 .12	•01	T			
RUSMVILLE RUSSELL SAGAMORE 1 S SALINA 3 W SAXTON	1.68 4.75 3.20 1.91 2.28		•07	ı		.08 .2 .11 .4 .15 .4 .70 .6	0 0 7				.09 1.82 T	.23 .53 .20	-14 -97	.06 .70 1.60 .04	•05	.03			•02		•04	.08 .03 .35	.15		Ì			
SCMENLEY LOCK 5 SCRANTON SCRANTON W8 AIRPORT SHAMOKIN	3.15 1.99 1.71 3.08	• 42 • 12 • 08	•37 •08	ł.	т	.60 .0 .11 .4 .31 T	2				.65 .16	•28 •03	1.30 .25 .35	*08 T	•26	•12					·08	.09 .37 .01 T	.05	.19	• 01			
SMIPPENSBURG SINNEMAMONING SIZERVILLE SLIPPERY ROCK SOMERSET FAIRVIEW ST	1.60 1.91 2.52 4.49 2.50	•21 •35	.07 .05		T	.25 .03 .3 .02 .4 .55 .2	2 6 4				T •03 •07 •10	.70 .29 .57 .06	.18	.78 .76 1.23	•20 T •07				.09	т ,	•06	•14 1•30	.01 .06	•09	• 0 4			
SOUTM MOUNTAIN  SPRING GROVE STATE COLLEGE 5TOYSTOWN STRAUSSTOWN	3.48 2.39 2.22 2.57	.07	.27 .68 .06 .05			.20 .2 .04 .0 .08 .2 .34 .5	4 0 8				.05	.25 .20 .09 .09	.97 .32 .35 .40	т	•07 1•12 •27				.04 T	.35	.30	•73 •37 •26	.58 .17		. 06			
STROUOSBURG STUMP CREEK SUNBURY SUSQUEHANNA	2.70 2.73 2.45 3.03	.22 .24	.05 .10			.08 .5	3 4 1 7				.01 T .19	.39 .04 .34	.94 .40 .17 .84	•51 •02 •03	.26 T	• 42				.01	•10	.73 T	.25 .05 .01 .03	т				
TAMAQUA TAMAQUA 4 N OAM TITUSVILLE WATER WORKS	2.28 3.39 3.78	.28	.05		•12	.05 .4	9					.14	.70 1.48	•05 •12	•15 •13						9.7	.07	.26	.27				
TOBYHANNA TORPEOO 4 W TOWANOA 1 ESE TOWER CITY 1 S	1.19 3.87 1.20 3.15	.08 .61 .16 .86	T			.31 .0 .12 .3 .03 .2	2 1 4				•08 •75 •22	.48 .22 .37 .26	.70 .30 T .26	.26 .02 .95	.28 T	.03				т	.06	•33 •01 •14	T #42 T	•24				
TROY TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN VANOERGRIFT	1.77	•24	•05	1	r	.04 .3 .04 .1 .09 .3 .73 .0 .25 .4	8 6 3			1	. 05	.39 .07 1.69 .08 .02	•31 •74 •21 •10 •38	.11 .41 .53 .05	.14 7 .80				•03		•02 T	.02 .30 .03 T	.01 .06 .53					
VIRGINVILLE WARREN WATSONTOWN WAYNESBURG 1 E WELLSBORO 3 S	5.86 4.91 2.36	•74 •12	•03 T		1	.10 1.1 .25 .2 .42 .1 .11 .1 7 1.3	0			•05	•70 •01	.40 2.57 .37 .59	1.25 .04 .67 T	.14 .85	T •08 •02			т	•09	т	1.15	.38 1.30 T	.06 .42 .70 .45	т			т	
WEST CMESTER WEST GROVE 1 SE WEST MICKORY WMITESBURG WILKES BARRE	3 · 14 3 · 52 2 · 03 6 · 54 1 · 83	.36	•19			.08 .2 .04 .1 .1 .54 1.5	5 2 5 5				•01	.59		.03 .33 .92	т	*01 *22		т	•01 •06	•23 •51	T	.16 .78 .13 1.92	.03 T .20		. 13			
											See rel		notes foll	owing S	tation In							7						

### DAILY PRECIPITATION

Continued																															JUNE	
Station	otal				-	_								Day	of N	Aonth															DONE	
	H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BILLIAM RURG WILLIAM SPORT WE AP WOLF SBURG YORK 3 SSW PUMP STA YORK HAVEN	2.11 1.98 3.96		T . 20	)	3	.39 .24	.01 .31 .05					+ 25 T	• 14 • 14 • 24 • 23	.73 .35 .94 .16	.02	.58						.02,		.10		.36		-17		20		
ZION GROVE ZIONSVILLE 3 SE		.05 2.48				.02	2.30							1.35								.04			.13	1.12						

### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	erages -		Num	ber of d	ays with	precip	itation			1set
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	.0109	.1049	6605	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sur
ALLENTOWN W8 AIRPORT	SSW	12	8.0	40++	NW	15	83	80	51	58	3	2	2	1	2	1	11		
ERIE W8 AIRPORT	S	16	11.0	35++	SW	10	79	77	63	62	3	3	3	2	0	1	12	_	5.9
HARRISSURG WB AIRPORT	w	15	5.6	34	NW	1	80	79	54	60	3	3	3	3	1	0	13	64	6.4
PHILADELPHIA W8 AIRPORT	WSW	16	7.5	22	W	19+	85	79	55	63	3	3	3	1	1	2	13	58	6.7
PITTSBURGH WB AIRPORT 2	NNE	9	6.9	29++	NNW	1	83	84	55	60	3	0	5	,	0	0	9	61	6.5
READING W8 CITY	s	-	7.9	36	NW	1	_	_	_	_	3	4	4	0	0	0	11	66	5.8
SCRANTON W8 AIRPORT	₩S₩	12	7.2	19	SW	1	77	79	51	57	4	2	6	0	0	0	12	63	
VILLIAMSPORT W8 AIRPORT	N	10	5.6	27++	WN₩	1	86	84	51	57	2	2	6	1	0	0	11	- 63	6.6

	:	T =	-						D	Al	LY	T	EN	IPI	ER																		1962
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of Me	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALLENTOWN W8 AP	MAX	90	80	79 51	78 52	69	82	79 53	85	84	87	87	77	61	74	75 57	87	87	92	88	74 65	79 60	77	83	79 66	86	85 61	83	81	81	86	31	81.
ALLENTOWN GAS CO	MAX	90	89	79 50	80	80	70 62	81	80	82 52	85	87	87	78 56	61	74	78 57	83	89	93	90	78	80	78	84	81	86	87	83	57 84	84		59. 82.
ALTOONA HORSESHOE CURVE	MAX	83	76 57	71 48	71	70 60	77 59	78 45	82 48	80 51	83	8 4	78	68	72	58 75	82	85 54	87	80	77	72	81	86	82	82	83	56 80	82	56 77	56 85		58. 79.
ARENDTSVILLE	MAX	91 58	88	83	75 57	78 62	77	79	80	87 52	86	90	84	81	63	75	80	88	89	93	92	70	78	59 80	90	83	56 85	54 89	83	51 8 <b>5</b>	5 <b>5</b> 84		54. 82.
AUSTINBURG 2 W	MAX	78 55	80	68 35	75	75 53	69	76	79 41	79 39	85	80	82	70	60	58 73	79	59 81	84	85	78	64	78	78	64	85	59 80	61 79	79	53 82	55 81		58. 77.
BAKERSTOWN 3 WNW	MAX	82	84	76 52	86	78 61	76 58	79	80	83	84	84	82	71	65	70	81	83	86	86	80	73	82	57 87	87	50 86	52 87	41 82	83	<b>49</b> 84	53 90		49. 81.
BELLEFONTE 4 S	MAX	82	82 53	78 42	79 49	72 58	72 58	50 82 42	80	59 84 46	84	86	85	75 55		70 52	51 82 48	53 85 52	55 86 60	90 60	55 85 54	74	76	80	84	80	85	57 85	58 80	57 83	80		57.
BERWICK	MAX	85	78 59	78	78 50	76 63	80	85	84	85 51	88	88		74 58		79 60	87 56	88 55	92	92	84	77	40 79 56	50 87	58 82	53 87 59	53 85	84	84	86	52 89		52. 83.
BETHLEHEM LEHIGH UNIV	MAX	86 66	77	78 57	82	68	79 63	80	83 57	84	85 62	84 71	72	62	71 57	72 61	85 60	86	92 74	88	83	80	77	82	65 78	86	58 85	52 82	81	80	58 84		57. 80.
SLAIRSVILLE 6 ENE	MAX	81	71 57	71 48	73	68	74 56	75 53	81	79 60	80		76	64	6 8 55	70 53	80 54	83	85	78 67	65 57	70	63 80 56	68 83 65	79	79	79	79	82	59 82	85		76.
SLOSERVILLE 1 N	MAX	81 58	84	81	77	74 51	75 53	80 54	80 51	86 56	83	86	84	82	62 56	74 56	79 57	81 58	92	91	87 64	73 59	76 53	79 54	62 84 64	57 82 64	80 60	56 82 62	59 84 51	58 82	63 84		80.
RADFORO FAA AIRPORT	MAX	75 50	64	74 40	69	64	72 45	75 42	77	77 50	76	77	60	59	67 53	74 49	78 45	80 53	82	73 50	60	70	77 50	78 62	77 55	77	75 51	77	80	80	57 81		73.
RADFORD 4 W RES	MAX	77	72 45	73 35	73 41	70 56	72 51	76 35	76 38	80				59	68 53	75 47	78 41	81	83	82	73 52	72 52	77 44	79 55	77 54	77 50	77 49	75 38	80	51 82 46	54 82 50		76.
ROOKVILLE FAA AIRPORT	XAM N1M	78 55	68	74 42	72 52	68	77 52	78 42	82	83	80		73	62	71 55	74	81	83	88	78 58	63	74	82	81	80	82 52	81	80	83	83	86		77.
URGETTSTOWN 2 W	MAX	80 56	83 54	73 47	80	80	72 55	76	80	83	83	84	81	80	65 55	66	74 46	82	85 51	89 60	81 57	70	76 49	85 57	88 59	85 52	54 83 55	48 84 52	85	51 87 57	53 87 54		52 ·
URNT CABINS 2 NE	MAX	87	86	80	74	74 62	78 61	79	82	82	85	85	82	80	73 57	70	82 51	8 5 6 2	90	90	89	74	79 47	85 62	83 58	83	84 54	81 53	82	82	85		53. 82.
UTLER	MAX	80 57	82 56		79	80	74	7 <b>7</b>	80	85	"	84	84	76 59	67	68 50	80	0.2	86	90	82	67	79 52	82 57	,	86 52	84 57	85 53	53 84 52	87	53 89 57		55. 80. 55.
ANTON 1 NW	MAX	73 55	80	68	73 45	72 51	66	73	75 50	75 50	78 50	80	80	62	5 9 5 0	66	75 55	8 0 5 5	83	85	79 53	64	72	72 55	82	77	79 55	77 50	77 52	78 58	77 58		74. 52.
ARLISLE	MAX	89	83 59	78 52	78 63	74 62	80	81	87	8 <b>6</b> 58	88	85 68	80	70	75 58	80	87	90	93	92	87	78 62	82 52	87 63	81	86	88	84 58	84	84 56	86 56		83.
HAMBERSBURG 1 ESE	MAX	85 58	82 57	75 54	73 61	76 62	79 62	80 48	85 49	85 51	88	81	81	65	76 57	79 55	85 54	87	90	91	76 63	76	81	89 59	82	87	88	84 58	83	82 52	86 52		81.
LARION 3 SW	MAX	76 50	71 46	71 39	70 48	64 54	71 52	<b>74</b> 37	81	75 46	72 50	69 58	65 50	5 <b>7</b> 50	69 51	72 46	76 45	80	84	76 56	65 47	72	70 38	71 52	80	80	83	84	86	87	88 50		74.
LAYSVILLE 3 W	MAX	85 55	77 54	84 45	83	74 64	78 57	80	84	83 53	85 57	82	78 59	68	67	79 52	82 47	86	87	83	80	79	90	89	87	85 55	87	87	88	89	91 53		82.
LERMONT 4 NW	MAX MIN	75 56	72 47	74 40	69 45	6 <b>8</b> 56	72 53	74 34	74 36	78 47	80	82 62	80 54	58 51	68	80	82 46	80 50	78 56	79 64	72 48	68	78 55	82	78 62	72 50	80	80	82	83	82 58		76. 50.
OATESVILLE 1 SW	MAX	89 62	90 64	82 55	80 56	78 62	73 63	81 53	81 51	85 53	88	87 61	88 69	78 58	60 57	71 55	78 57	88 56	90 57	93 59	93 68	72 61	80 58	79 64	85	83	86	88	82	81	80 54		82.
ONFLUENCE 1 SW DAM	MAX	79 56	83 55	76 47	74 53	81 53	75 61	78 48	79 47	83 51	82 54	83 54	77 62	82 61	65 56	72 50	73 52	83 52	83 54	87 56	81	71 51	75 48	83 52	87	82 59	84	86	85	83	84		79.5
ONNEAUTVILLE	MAX	80 57	75 45	66 36	81 50	80 62	70 55	74 40	79 42	82 50	87	87 63	85 56	62	66 55	71	77 46	85 55	87 58	90 65	75 54	64	77 52	86	86	82	83	78 41	84	87 55	89 57		79.
ORRY	MAX MIN	75 58	67 45	78 41	77 49	71 61	74 52	79 41	80	83	80	80	78 56	65	67 56	76 54	81	83 53	84	82 66	68	75 47	80 53	85 60	80	80 51	79 55	79 45	83	86 57	84 61		78. 53.
OUDERSPORT 3 NW	MAX	77 47	76 44	71 33	69 38	67 53	76 53	79 34	79 36	79 40	79 45	83	74 52	59 52	68	75 48	82 39	84 43	84	78 60	70 47	74	76 43	82 54	80	79 45	77 45	77	80	79	85 46		76.
EVAULT 1 W	MAX MIN	87 62	88 60	78 50	78 58	70 60	80	78 52	84 54	8 <b>5</b> 59	85 52	85 64	<b>75</b>	70 54	70 54	78 56	87 56	87	91	90 67	70 62	87	83 59	83	81	84	87 63	83	82 55	82	89 55		81.9
IXON	MAX MIN	84 57	8 <b>5</b> 54	74 41	80 41	78 43	68 57	79 43	80 44	82	85 45	87 59	88	76 56	63 55	70 54	81	86	89	93	88 58	73 58	78 52	81 52	87	80 56	85 55	84	85 46	86 46	86 50		81.
DNEGAL	MAX	82 <b>56</b>	73 52	74 49	78 55	73 61	74 54	78 48	79 49	80 53	80 55	8 O 6 4	77	65 59	69	72 52	79 46	82 49	86	80 62	68 52	73	82	86 59	79 62	80 54	82 51	82 57	83	83 51	80		78.1
DNORA	MAX	86 60	78 59	80 52	81 62	80 64	78 61	80 52	82 55	84	85 64	83 68	79 64	78 61	76 59	75 54	85 54	87 57	90	89	82 63	79 53	87 56	90 67	87	86 61	88	88	89 59	87 61	92		83.
J 801S 7 E	MAX MIN	80 53	<b>78</b> 52	71 43	72 49	69	75 57	75 40	79 45	80 47	79 59	80 65	77	65 57	70 56	73 52	78 45	81	84	85 66		70	78 47	81	80	80	79 53	78 52	80	80 51	85 52		77.3
AGLES MERE	MAX						63 54	70 49	72 54	76 54	78 60	78 58		63 54	57 52	60 52	71 54		79 57	83	79 65	65	67 54	70 57	77	72 56	75 56	76 52	73 54	75 57	75 60		71.9
AST 8RADY	MAX MIN	81 60		82	82 56	81 61	80 50	84 47	86 50	87 54	86 57	85 68	81 64	70 60	71 59	79 59	8 5 5 2	88 53	87 57	89 61	85 54	80	86 53	87 59	85	88	85 58	86 52	87 54	90 56	91 58		83.6
BENSBURG	MAX MIN	79 54		71	72 51	67 58	73 56	75 45	79 45	80	80 54	79 63	72 55	69	72 52	80 47	82	84 57	79 59	73 55	67 51	81	80	79 60	79 51	79 53	78 52	80	77 51	78 50	84 53		76.0
MPORIUM 1 N	MAX MIN	74 52	79	66	74 41	69 51	66 56	75 37	76 42	79 42	80 48	78 52	80 58	65 54	60	70 50	76	78 48	82	85 59	77 50	63	70 47	76 49	82 57	79 52	79 52	78 41	76 41	80	80 51		75.:
IGLISH CENTER	MAX MIN	80 51		73 40	77 42	75	69	78 40	80 40	82	83	8 Z 4 8	82 59	66 55	62 55	72 55		85 45	86 48	89 55	82	68	7 <b>4</b> 48	80 48	85	82 52	84	82		84	82 48		78.8
PHRATA	MAX	85 61	80	77	75 57	74 61	79	78 52	83 54	83	85 60	83	81	67 56	70 55	77	85 58	86 61	91 65	89 67	88	80	77	85 65	81	84	86	82	81 56	81 56	85 56		81.3
																									1								

Secret 1 34 1939 1 34 1 35 1 36 1 36 1 36 1 36 1 36 1 36 1 36	Continued										DA	IL	Y	TE	MF	E	RA	ΤU	RE	S															VANIA 1962
CENTELL MA MARGINET  ***********************************	Station			7	_				_		-		*-layer*				D	10 ye	Mont	h														ON F.	\$ Di
CHILLE SAMEN  MATERIAL SOAMEN  MATERIAL	ERIE WS AIRPORT	M		-	1	-			_		- 1	-		_				-																31	Aver
EMBELL MAKENO NA 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EVERETT 1 SW	M.A	AX	82	4 7 B 0	76 1	0	59	53 4	9 !	2 6	1	66	54	55 5	5 5	58 :	3 5	5 6	6 6	9 6	0 !	3 5	1 6	2 6	6	5	57	57	51	59	6	7 68		75.6
Consignation of the content of the c	FARRELL SMARON	MA	XX 8	32	77	89 8	18	68	78 9	0 9	14 9	2	85 8	60 d	54 6	50 5					0 6	2 6	0 5	5 4	9 5	0 (	0	60	52	54	53	5.2	50		80.7 55.2 85.2
MARCINOL MAIL NO. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	FORO CITY 4 S OAM	MA	XX 8	30 8	3 3	72	7	79	71 7	8 8	0 8	3	83 8	34 8	14 b	3 1	72 7	1 7	5 8	2 8				4 6	0 6				64	54	50	66	66		59.1
SECULLACION NALLE SECULLACION	FRANKLIN	M.A	x 8	32	0	77 7	2	69 7	8 8	1 8	3 8	2	83 6	32 8	1 7	5 8	3 3	8 7	2 8	6 8	7 8	3	7 7	8 8	1 8		4	83							55.3
SCETTISHURG    MAX   S   S   S   S   S   S   S   S   S	FREELANO	мд	X 8	1		77 7	6	74 7	4 7	6 7	9 8	0	33 8	32 b	0 7	8 6	7 7	3 8	2 8	2 8.	2 8	7 7	5 7	0 7	4 8	0 7	8	80							78.3
SET YEAUNING  **********************************	GEORGE SCMOOL	МА	х 8	16 8	7 1	8 08	2	77 7	0 8	0 7	9 8	2 1	37 8	0 8	5 7	5 5	9 6	8 7	4 8	7 8	7 9	1 9	0 8	3 7	8 7	9 8	3	81	85	85	79	80	82		56.3
SALESCAPILLE  **********************************	GETTYSBURG		х 8	16 8	6 1	12 7	3	75 7	6 8	0 8	0 8	4 8	34 8	7 8	3 7	8 6	4 7	6 7	9 8	8 8	8 9	3 9	2 7	1 7	7 8	0 8	9	81	86	87	84	83	85		59.4
MARTISOURS (M. 1) 10 10 10 10 10 10 10 10 10 10 10 10 10	GRATERFORO 1 E						8	78 8	0 8	1 8	0 8	5 8	35 8	7 8	6 7	3 5	9 7	1 7	6 8	5 86	6 9	1 8	0 7	1 7	7 7	8 8	4	77	83	85	80	80	80		59.8
MARSISSURG VE AP  MAX  MAX  MAX  MAX  MAX  MAX  MAX  M	GREENVILLE			0 7	9 8	3 8			0 8	5 8	8 8	B 8	86 8	6 8	1 6	7 7	1 8	1 8	8 8 9	9 9 (	0 91	0 8	8 8	8	9 8	9 8	8	91	92	86	93	94	92		85.0
MARTISHURG WB AP  MAKE STATE AS A	MANOVER					5 7	6			1 8	2 8	5 8	15 8	8 8	5 7	8 6	5 7	7 80	38 0	9 9 0	9.	4 9	3 7	L 79	9 7	9 8	9	84	87	86	85	85	84		55.7 83.0
MALEY  MA	HARRISBURG WB AP											5 8	8 8	5 7	9 6	5 7	4 7	9 86	5 9(	93	9	1 7	2 7	8 8	2 8	5 8	3	86	88	85	85	85	89		60.9
NAME NAME NAME NAME NAME NAME NAME NAME	HAWLEY						7	77 6	6 7	3 7	8 8 (	8 (	4 8	5 8	5 7:	3 5	9 6	9 7	7 83	87	7 89	9 8	7 7	78	3 7	5 8	3	79	81	81	78	82	82		79.0
MAX	MOLTWOOD											8	7 8	9 7	7 70	0 7	5 7	7 84	90	94	9:	3 7	3 7	7 78	8 8	2 8	1	85	85	85	83	80	85		51.8
MACHINESTORN 2 MAX	HUNT I NGOON														8 82	2 6	4 7	3 89	89	90	9;	2 8	8 76	80	8:	8	9 1	86	87	86	88	86	84		63.5
MAK 197 66 65 77 77 77 65 78 84 84 84 84 84 85 85 87 87 87 77 65 78 84 84 84 84 84 84 84 84 84 84 84 84 84	INDIANA 3 SE											8	3 8	2 7			1 7	4 83	84	88	80	0 7	5 75	84	85	8	2 8	83	84	84	86	86	90		80 - 3
SCHINSTOWN  MAX SI S S 78 TS 7	JAMESTOWN 2 NW																	77	83	85	87	7 7	7 65	76	84	8	4 8	34	81	80	80	85	88		77.7
EARCE 1 NNE  MAX 8 17 78 66 77 70 78 78 78 78 78 78 78 78 78 78 78 78 78	JOHNSTOWN														81	۱ 6					91	l 91	) 66	75	73	7	5 8	35	85	90	89	85	71	ı	80.9
EGG    MAX   85   79   76   70   70   70   70   70   70   70	KANE 1 NNE														63	3 6	1 6	75	80	83	86	5 7	7 62	74	80	8	2 8	30	79	79	79	82	83	1	75.7
LANCASTER 2NE PUMP STA  MAX 86 83 80 77 70 81 80 80 85 85 85 85 85 85 85 85 85 85 85 85 85	KEGG																					7.	2 73	82	88	8	4 8	37	85	83	83	79	87	N	47.1 80.6 55.6
LANDISVILLE 2 NN  HAX  BB  BB  BB  BB  BB  TO  TO  TO  TO  TO	LANCASTER 2NE PUMP STA																2 79	88	90	93	92	. 86	80	78	84	8 (	8 (	16	85	83	80	79	86	١	82.5
LEBANON 3 W  MAX 85 86 80 75 74 72 80 78 84 88 88 87 85 76 75 75 84 88 88 88 85 78 77 88 84 88 88 85 78 77 88 84 88 88 85 78 77 88 84 88 88 85 78 77 88 84 88 88 85 78 78 78 87 88 88 88 88 88 78 88 8	LANDISVILLE 2 NW																		85	86	91	9:	70	76	77	8	5 8	12	85	86	83	81	81		56.8 80.5 58.5
LEMISTOWN  MAX 85 86 80 75 74 72 80 78 84 85 85 85 85 85 85 85 85 85 85 85 85 85	LAWRENCEVILLE 2 S																	0 .	88	88			77	79	88	8	5 8	13	80	81	83	81	89		80.8
LOCK MAVEN  MAX 84 86 76 80 75 71 82 81 82 87 87 87 82 83 84 85 86 75 65 56 56 56 61 60 57 55 56 56 56 56 56 56 56 56 56 56 56 56	LEBANON 3 W																				91	8.8	69	76	77	8 5	8	0	84	86	82	82	84		80.6
LOCK MAVEN  MAX 84 86 76 75 80 75 71 82 85 77 57 50 48 53 55 62 57 58 52 53 56 87 78 82 85 82 87 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	LEWISTOWN																	82	87		93	8.8	77	78	84	89	8	2	87	86	84	85	86	1	82.9
MARCUS HOOK  MAX 78 82 72 75 72 68 76 77 82 83 83 83 83 72 60 70 75 80 83 85 78 67 71 80 83 78 68 72 52 48 86 86 86 88 87 87 87 71 80 83 78 81 80 80 80 81 80 80 81 80 80 80 81 80 80 80 81 80 80 80 81 80 80 80 81 80 80 80 81 80 80 80 80 80 80 80 80 80 80 80 80 80	LOCK MAVEN					1 40															92	85			82	8 5	8	2	87	84	84	85	83		81.5
MARCUS HOOK  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	MADERA																							71	80	83	. 7	8	81	80	80	81	80		77.2
MART INSBURG FAA AP  MAX 78 70 74 75 75 75 76 78 83 84 80 81 82 82 57 55 58 54 56  MART INSBURG FAA AP  MAX 86 88 84 74 73 82 83 83 82 86 86 86 86 87 86 86 87 86 86 87 86 88 88 88 88 88 88 88 88 88 88 88 88	MARCUS HOOK																														82	81	86		82.4
MEADVILLE 1 S  MAX 79 76 65 77 77 77 89 78 82 83 83 82 85 57 75 55 55 54 85 85 86 86 86 87 87 87 87 87 87 87 87 87 87 87 87 88 88	MARION CENTER 2 SE																							82	84	80	8	1				83	87		78.1 55.7
MERCER 2 NNE  MAX  80 75 76 65 77 77 69 75 80 81 80 81 85 85 87 75 50 45 86 81 82 82 84 82 76 65 57 55 82 85 85 87 76 63 75 83 84 83 81 79 81 86 87 87 88 88 88 88 88 88 88 88 88 88 88	MARTINSBURG FAA AP																																		77.9 56.8
MERCERSBURG  MAX 86 88 84 74 73 82 82 82 84 84 88 80 80 62 75 77 88 78 79 87 87 87 87 87 87 87 87 87 87 87 87 87	MEADVILLE 1 S																								83	84	8	3 (	81				87		77.9 54.2
MAX 86 88 84 74 73 82 82 82 84 84 88 80 52 65 65 59 57 57 58 55 60 65 63 55 50 60 66 46 62 56 60 54 52 52  **ILLVILLE 2 SW**  MAX 85 74 81 81 81 82 83 82 84 74 77 75 67 79 78 83 82 82 84 84 74 76 55 43 66 86 86 86 86 86 86 86 86 86 86 86 86	MERCER 2 NNE																						77	82				2 8	83	82	85	88	88		80.1 53.9
MAX MIN 54 55 43 46 48 60 45 49 47 77 75 67 79 78 83 82 84 84 74 9 56 62 71 79 84 86 89 86 73 76 77 83 77 84 81 81 82 83 400 45 49 47 49 56 62 56 55 54 54 53 56 63 57 58 53 55 61 58 56 50 49 52 55 400 400 400 400 400 400 400 400 400	MERCERSBURG																								81	91	8:	3 8	3 7	89	86	84	85		82.5 57.4
MAX 85 74 81 83 74 80 81 84 85 87 85 80 67 67 77 86 87 90 87 79 80 87 90 87 86 85 97 56 60 58	HILLVILLE 2 SW																												34	81	81	82	83		79.3 53.6
(ODCAMPRIME)	MONTGOMERY LOCK AND DAM																				87		80	87	90	87	86	6 8	35	87	85	90	93		83.0 57.0
MAX 86 80 76 74 70 78 77 83 83 84 85 74 65 70 77 85 86 91 90 76 78 76 83 81 85 84 81 80 78 83 84 85 462 56 51 53 57 58 63 67 59 54 57 66 64 62 60 61 53 54 54	4ORGAN TOWN																				90	76			83	81	85	5 8	34	81	80	78	83		80.0 57.0
MAX 86 80 77 75 72 80 80 82 83 86 83 79 64 71 78 76 87 90 88 69 77 76 85 80 84 85 82 82 85 85 55 58 64 63 61 55 54 54 63 60 57 59 52 52 54																									85	80	84	. 8	15	82	82	82	85		80 • 1 56 • 7
HEN CASTLE 1 N MAX 84 81 79 82 80 79 80 84 85 85 81 67 69 79 85 87 90 88 82 80 86 87 86 85 85 87 90 91 80 84 85 85 87 90 87 90 88 82 80 86 87 86 85 85 87 90 91 88 82 80 86 87 86 85 85 87 90 91 88 82 80 86 87 86 85 85 85 87 90 91 88 82 80 86 87 86 85 85 85 87 90 91 88 82 80 86 87 86 85 85 85 87 90 91 88 82 80 86 87 86 85 85 85 85 85 87 90 91 88 82 80 86 87 86 85 85 85 85 85 87 90 91 88 82 80 86 87 86 85 85 85 85 85 85 87 90 91 88 82 80 86 87 86 85 85 85 85 85 85 85 85 85 85 85 85 85	IEW CASTLE 1 N																				88	82	80	86	87		85	5 8	15	85	87	90	91		83.1 56.5
MAX 81 87 79 84 86 77 80 86 87 87 87 81 80 70 73 77 85 88 93 84 74 81 86 86 84 89 88 91 92 90 81 81 81 81 81 81 81 81 81 81 81 81 81	EWELL																					84	74	81	86	86	84	8	9 1	88	91	92	90		83.8

Con	45	 ~~1

PENNSYLVANIA

												-												_							JUNE	1962
Station	-																Of Mo		-													erage
NEWPORT MA	X	82	87	83	82	74	72	83	8 85	89	87	90	87	81	63	76	80	90	90	19	88	73	78	82	87	25	88	87	89	87	30 31	83.5
NEW STANTON MA		58 68	59 78	52 80	82	58 72	80	49 81	50 83	53	55 87	59 82	67	60 74	58	59 76	55 85	56	58 92	64	64	61	54	55	64	61	59	60	55 89	56 88	56 92	57.8 83.1
NORRISTOWN MA	х	58 91	56 85	50 80	57 81	62 72	59 84	50 82	50 87	55 88	57 88	65 88	60 78	60	59 70	53 78	55 88	50 89	93	66 93	53 76	79	58	52	51	51	46	58	53 82	57 85	53 90	55.4
PALMERTON MA	х	87	77	78	76	62	65 79	55 81	57 83	56 84	62 86	66 87	62 76	58 59	57 71	57 76	59 86	61 88	92	71 88	66 72	64 78	65 76	68 82	67 79	84	62 83	82	57 82	58 83	59 85	61.6
PHIL DREXEL INST OF TEC MA	х	59 92 68	54 86 69	48 79 59	80	62 71 64	82	82	88	87	85	86	76	63	68	73	53 87	55 89	63 94	90	62 75	80	63 82	67 85	82	61 85	59 87	55 82	57 82	55 82	55 84	57.5 82.1
PHILADELPHIA WB AP MA	x	87 63	84	77 58	80	71	67 82 64	63 80 60	61 88 58	62 87 58	87 62	69 87 69	63 74 61	59 62 59	58 66 59	58 73 54	88	89	70	71 90	74	80	80	85	83	67 85	86	81	63	80	84	81.4
PHILAOELPHIA PT BREEZE MA	х	89 67	82	80 58	80 62	70 64	83	82	86	86	85 66	8 5 7 0	77	60 58	67 58	74 60	57 88 64	60 88 66	67 94 70	70 90 72	68 75 68	81 66	81 66	65 87 68	69 83 70	66 87 70	64 88 69	63 82 66	57 82 62	57 83 62	60 85 64	82.0 65.0
PHILIPSBURG FAA AP MA		78 53	68 45	71 42	66 52	67 59	75 50	72 38	78 41	77	80 53	76 64	70 57	58 55	65 54	72 53	79	80	84	78 56	71 52	69	75 43	81 62	77	79 49	78 49	75 45	76 45	74 52	84	74.4
PHOENIXVILLE 1 E MA		89 59	83	82 53	80 54	75 56	82 52	81 50	85 54	86 50	90 59	87 68	85 68	75 56	72 57	78 56	8 7 5 5	90 56	93 62	92 68		89	61	85 64	85 65	88		88	82 53	82 54	86 55	84.3
PITTSBURGH W8 AP 2 MA;		83 60	71 53	78 51	80 60	73 60	77 58	78 53	81 54	82 62	84 63	81 66	79 59	64 58	65 55	73 50	81 51	8 5 5 6	88 62	82 63	70 57	76 50	8 <b>5</b> 56	91 64	87 62	85 56	86 61	85 60	87 57	8.8 64	91 60	80.5
PITTSBURGH W8 CITY MA:		86 65	74 57	80 53	80 64	72 66	79 62	80 57	85 57	8 4 6 5	85 68	83 70	81 63	67 61	67 60	75 57	85 58	87 62	90 66	84 67	71 61	78 56	87 61	91 70	87	85 64	85 65	86 62	87 63	87 68	90 66	81.9
PLEASANT MOUNT 1 W MA:		80 52	79 56	65 42	73 40	74 47	63 53	72 40	74 42	74 39	78 49	80 61	81 59	73 52	60 52	65 49	74 49	79 48	83 57	85 57	82 52	66 55	72 49	73 54	80 60	75 54	76 51	77 47	76 43	78 52	79 55	74.9
PORT CLINTON MAI		86 56	88 56	80 44	80 44	78 44	80 56	8 4 5 8	82 40	80 42	85 52	67 62	86 63	8 0 5 4	61 53	72 54	79 50	86 49	86 58	92 59	89 60	70 53	77 50	78 62	85 60	81 54	85 52	87 52	83 49	82 49	83 48	81.7 52.8
PUTNEYVILLE 2 SE DAM MA:		78 57	81 54	70 47	75 52	76 60	71 59	79 43	81 47	84 52	83 57	82 65	84 63	75 58	65 56	72 54	72 52	83 51	84 56	88 62	80 53	66 46	77 51	82 55	85 61	84 52	83 54	82 51	81 53	85 54	86 55	79.1 54.3
OUAKERTOWN 1 E MAI		85 57	82 59	78 51	78 49	75 61	79 62	79 48	81 52	83 49	84 54	84 67	83 66	74 56	7 <sub>0</sub>	75 57	84 53	85 55	90 63	8 9 6 2	88 65	76 60	78 62	82 64	80 64	83 60	85 57	82 58	81 59	80 53	85 53	81.3 57.7
READING WE CITY MAX		87 63	81 64	77 55	76 59	71 63	82 65	80 56	86 59	85 57	87 65	86 72	81 62	62 60	73 58	79 62	88 62	89 64	93 69	91 72	75 67	79 63	79 64	85 68	82 67	87 65	88 65	83 63	82 59	83 59	86 58	82.1 62.8
RENOVO MAX		82 54	8 7 5 3	78 43	80 43	76 52	76 55	83 44	85 45	82 44	88 44	86 52	86 61	73 58	63 56	74 56	83 52	8 9 5 2	90 53	93 58	84 56	70 56	79 51	84 51	87 53	86 57	87 56	86 46	86 46	87 47	84 52	82.5 51.5
RIOGWAY MAI		75 54	78 49	68 40	76 45	72 53	67 58	76 42	78 44	82 46	82 52	81 58	81 62	70 57	70 57	70 50	76 47	80 47	83 50	86 55	78 53	64 54	75 47	82 50	83 58	80 52	81 52	81 44	81 45	85 48	84 51	77.5 50.7
SALINA 3 W MAI		83 57	71 57	77 50	78 48	76 63	77 60	79 46	82 46	83 55	83 59	82 66	78 50	70 59	71 57	74 52	82 52	84 53	88 55	85 63	79 57	75 44	83 52	85 57	81 59	83 54	84 56	84 58	8 <b>5</b> 5 <b>5</b>	85 51	89 59	80.5
SCRANTON MAX		89 61	87 56	70 44	80 51	8 1 5 1	68 60	79 49	81 51	83 53	83 54	89 64	88 63	76 57	64 57	76 58	79 54	86 56	90 55	97 66	88 63	75 60	78 57	79 58	8 9 6 4	82 64	85 59	86 54	8 5 5 5	87 56	87 60	82.2 57.0
SCRANTON W8 AIRPORT MAX		85 59	73 52	77 47	78 52	66 61	77 56	8 O 4 8	82 51	85 53	86 62	87 66	73 59	60 57	68 56	76 57	83 51	86 56	90 66	86 67	71 61	76 60	77 59	85 63	78 65	84 60	80 58	80 51	83 55	83 57	86 60	79.4 57.5
SHIPPENSBURG MAX		87 62	86 58	75 63	72 60	75 62	75 62	82 56	86 50	85 51	88 56	86 68	82 66	67 58	76 57	78 58	86 58	88 58	91 68	90 70	82 65	77 58	80 52	89 61	86 65	86 63	88 59	85 58	86 54	86 55	89 55	83.0 59.5
SLIPPERY ROCK MAN		82 59	79 53	79 49	80 58	66 61	79 57	80 49	82 55	82 58	83 62	82 66	76 63	65 57	66 56	78 52	85 52	87 60	89 60	84 70	79 55	78 52	82 56	82 62	84 62	83 55	82 60	82 55	84 59	86 61	89 62	80.5
STATE COLLEGE MAX		<b>7</b> 9 57	84 59	75 49	75 53	71 61	71 61	78 49	79 52	82 55	83 61	85 66	83 63	73 57	60 56	70 55	79 55	85 57	86 63	88 66	83 59	72 58	74 52	80 57	83 63	79 59	82 59	84 57	8 0 5 5	81 59	79 59	78.8 57.7
STOYSTOWN MAX		75 56	70 52	80 45	70 52	73 58	67 58	74 45	75 48	80 52	78 56	80 61	76 61	77 58	61 55	70 51	70 49	80 49	81 56	84 59	80 58	68 46	73 48	82 52	85 61	79 54	78 54	82 53	80 53	80 50	79 51	76.2 53.4
STROUOSBURG MAX		88 55	77 54	80 41	77 43	67 60	81 55	81 44	84 45	88	86 50	89 64	75 56	60 54	74 54	77 55	87 57	89 52	92 63	88 59	73 60	80 53	76 61	79 64	74 63	83 61	83 55	82 50	84 45	83 50	85 51	80.7 53.9
SUNBURY MAX		87 56	88 58	80 46	80 52	77 56		82 46	82 45	86 49		89 60			65 57		81 52	88 53	89 57	94 62	89 62		79 53	82 55	89 63	86 57	87 57	86 53	85 50	86 53	86 55	83.1 55.2
TITUSVILLE WATER WORKS MAX		75 54	67 46	74 37		64 58	72 51		79 39	80 47	81 52		75 59			72 51	78 57	80 57	84 51	8 0 6 4	65 48	73 48	78 46	80 57	78 56		76 51	78 41	81	84 50	83 55	75.6 50.6
TO8YHANNA MAN		80 50	76 53	74		69 56	74 56	74 48	77 41	79 48	80 51	82 61	77 58	61 51	68 50	74 53	82 49	84 48	86	84 61	78 56	73 53	72 57	80 60	75 62	80 55	79 52	76 47	79 44	80 46	80 49	76.9 52.0
TOWANOA 1 ESE MAX		84 54	80 52	76 40		73 57	77 58	78 43	80 46	84	86 54	84 65	80 59	64 56	69 54	79 55			90	87 60		77 57	79 51	88 58	82 63	83 56	82 55	81 45	85 45	85 51	89 51	81.1
TOWER CITY 1 S MAX		84 57	85 58	76 48		74 57	69 61	79 46	78 42	82 48	82 55	85 61	85 66	80 56	61 55	69 57	77 50	83 49	85 55	90 57	87 60	72 57	74 50	75 60	82 62	81 58	83 53	75 54	82 52	81 50	83 50	79.3 54.7
UNIONTOWN MAX		84 62	82 58	78 53		76 65	76 64	79 56	82 59	87 65	85 65	82 70	80 66		69 59	73 55	83 52	85 54	89 59	8 <b>5</b> 70	80 64	77 52	85 56	88 60	83 67	85 61	85 58	86 61	85 67	84 60	88 58	82.0
WARREN MAX		80 57	68 46	79 41		69 60	75 55	80 43	82 44	85 48	83 58	84 62	63 59	63 56	70 57	78 54	84 48	86 51	87 57	79 63	63 55	76 55	82 53	85 62	83 61	82 56	79 56	83 46	87 48	87 54	87 57	78.8 53.7
WAYNESBURG 1 E MAX			85 53	77 42		84 62	75 60	76 46	80 49	88 54	83 55	85 62	78 62		69 57	69 50	75 48	84 48	85 53	89 61	83 60	72 50	78 48	86 52	88 61	80 58	85 53	86 53	86 51	87 55	88 54	81.6
WELLSBORO 3 S MAX			77 48	69 39	72 42	71 51	66 54			76 48	78 51	79 60	79 57	59 53	57 52	68 51	76 52	81 56	82 60	84 63	76 51	64 53	70 52	74 52	82 60	79 54	79 54	79 47	76 50	80 55	76 59	74.3 52.4
WEST CHESTER MAX			92 63	85 54	80 56	79 61	71	83 56	83 55	88 59	89 59	8 9 6 4	87 66	74 54	62 54	67 55	80 59	89 63	91 69	95 68	93 67	73 59	81 62	79 63	85 65	82 64	89 63	88 61	85 56	83 58		83.2 60.5
WILLIAMSPORT W8 AP MAX			75 56	76 48		68 62	80 55	80 48	84 50	85 49	86 55	86 64	73 61	65 58	71 59	80 59	87 54	8 8 5 5	93	87 62	72 58	76 58	79 54	84 61	81	85 62	83 59	83 53	83 53	86 55		80.8 56.6
YORK 3 SSW PUMP STA MAX		87	86	83 57	77 62	76	82	81		85		88	83 69		75	79 59	86 54	89	92	93		79		88	82		86	85 60	84	83 54	86	83.9

### EVAPORATION AND WIND

PENNSYLVANIA JUNE 1962

Station																1	Day o	f mor	th														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BEAR CREEK DAM	EVAP WIND MAX MIN		-			1 1 1 1	1111	1 1 1 1	-				1111	1 1 1 1	1 1 1 1	1111	1 1 1 1		-	1 1 1 1			-	1 1 1 1		1111	- - - 58	- 79 55	28 83	25 82	.20 13 80		-
BELLEFONTE 4 S	EVAP			.28		.12			.25	.28 32	.35 67	.20 96	. 22 78	.12	.03	.10	. 21	. 27	.34		.21						. 28				.21		6.6
CONFLUENCE 1 SW DAM	EVAP	.13	.24	.21 40	.22 62	.07 25	.06	. 19 37	.26 43	.17	.23 40	.10 32	.17 32	.16 17	.03	.15 29	.15 38	.21	.23	.23 29	.14	.12	.17 23	.14	.22	.12	. 28	.20			.19		5.
FORD CITY 4 S DAM	EVAP		.16 45			.14	.05 29	.21	.26 23	. 26 19	.23 42	.15		.14	- 21	.12	.15 29	.21	.21	. 24 39	.18	.12	.16		.35	.17					.20		B5.1
JAMESTOWN 2 NW	EVAP	-	_	-	-	-	.27	.25 15	.25	.22		. 22	.17 26	.11	.03	.12	.19	.20 26	.24	.25	.18	.07	.17	. 20	.15	.21	.24						B5.0
LANDISVILLE 2 NW	EVAP	.25 54	.33 55	.34 89				.32 101		.29 38	.32 74	. 23 87	.18	.13	.05	.11	.16 55	. 29 56	.34	.32	.16 59	.07			.15	.21			.38		.19		6.9

### DAILY SOIL TEMPERATURES

Station																Day	of mo	onth															age age
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
ERIE CO FIELD RSCH LAB 8 INCHES	MAX MIN	70 68	68 66	67 64	67 65	67 65	68 64	69 65	70 66	71 67	71 69	73 70	72 66	66 63	65 63	69 65	70 66	71 68	72 70	72 71	71 68	70 66	72 68	73 70	74 71	74 71	74 71	74 70	76 71	77 74	78 75		68.5 65.5
LANDSVILLE 2 NW 2 INCHES STATE COLLEGE 2	8 AM	62	65	62	63	62	64	62	62	62	64	66	63	64	61	62	62	64	65	66	67	64	63	64	66	65	65	64	64	64	64		63.7
2 INCHES	MAX MIN	81 61	82 62	88 58	72 63	73 64	83 64	88 59	91 61	90 62	88 65	81 69	76 67	65 63	75 62	78 62	86 62	86 65	87 67	82 69	75 66	77 64	82 61	83 67	83 67	85 66	82 67	86 63	89 64	82 65	86 65		82.1 64.0
4 INCHES	MAX	76 62	76 63	81 60	70 64	70 6 <b>5</b>	78 65	81 60	84 63	84 64	82 66	78 69	74 68	66 63	72 62	74 62	80 63	80 66	81 67	76 69	72 66	73 65	77 62	78 67	79 67	79 67	79 67	81 65	83 66	78 66	80 66		77.4 64.8
8 INCHES	MAX MIN	69 64	70 64	72 63	69 66	67 65	71 65	73 63	74 66	75 67	74 68	73 69	71 68	68 64	68 63	70 64	74 65	74 67	75 68	73 69	70 68	70 66	71 65	72 68	74 68	74 68	74 69	75 68	76 68	73 69	74 68		72.1 66.4
12 INCHES	MAX MIN	65 64	65 64	66 63	66 64	65 64	67 64	68 64	69 66	69 66	69 67	69 67	69 67	67 65	65 64	66 64	68 65	69 67	70 88	70 69	69 68	68 67	68 66	69 67	69 68	70 68	70 68	71 68	71 68	70 69	70 68		68.2 66.2
16 INCHES	MAX MIN	64 63	64 63	64 63	65 64	65 64	65 63	66 63	67 65	67 66	67 66	68 67	68 67	66 65	65 64	65 64	66 65	67 66	68 67	69 68	68 67	67 66	66 66	67 66	68 67	68 67	69 68	69 68	69 68	69 68	68 68		66.8 65.7
						1																		- 1									

Erie Co Field Rscb Lab - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Ryegrass and Native Weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam, Ground Cover: Permanent blue grass sod which is kept clipped to a beight of 2 inches. Instrumentation: Weston Electric Soil Thermometer.

State College 2 - Slope of Ground: Gentle slope to the southeast. Soil Type: Hagerstown silt loam. Ground Cover: Kentucky blue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constant

### CLIMATOLOGICAL DATA

PENNSYLVANIA DELAYED DATA

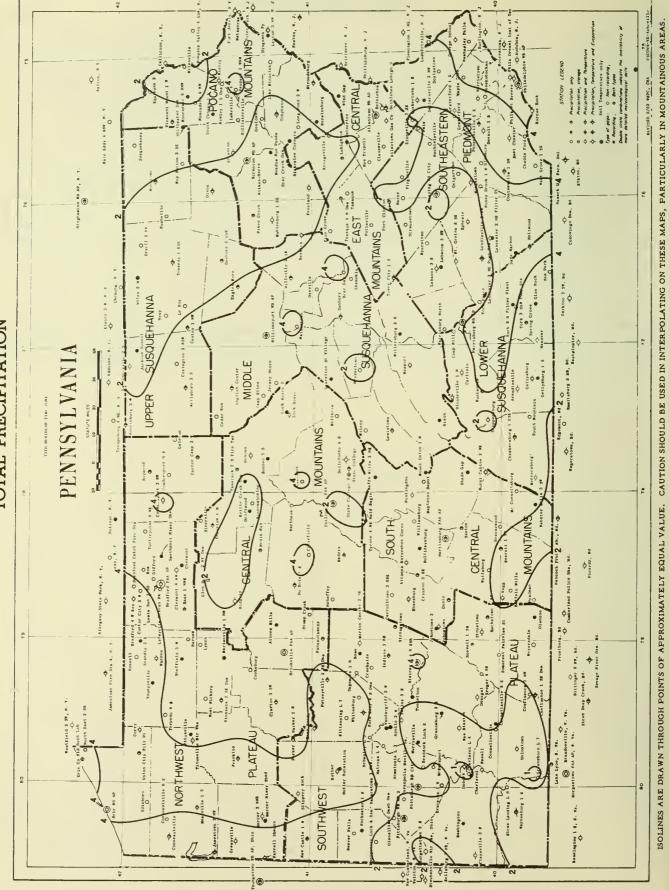
				Ten	nperot	ure											Preci	pitotion				للبيد ي ـ	DATA
										1	No. of	Day	5					Sno	w, Sleet		١	lo. of	Doys
Stotlan	Average	Averoge Minimum	Averoge	Deporture From Normal	Highest	Dote	Lowest	Dote	Degree Days	_	32° or X Below	32° or Below	-	Tatol	Departure From Normol	Greotest Doy	Dote	Totol	Max, Depth on Ground	Dote	.10 or More	,50 ar More	1.00 ar Mare
DECEMBER 1961 DIXON JANUARY 1962	37.1	19.5	28.3		54	6+	- 8	31+	1130	0	0	29	0	3.10		.85	25	21.0	13	<b>2</b> 5	7	2	0
MONTGOMERY LOCK AND DAM FEBRUARY 1962	36.6	18.8	27.7		59	27	-4	10	1147	0	0	28	0	2.36		1.03	27	3.7	2	21+	6	1	1
MONTGOMERY LOCK AND DAM MARCH 1962	41.3	23.5	32.4		62	26+		11	905			22		3.06		1.49	24	8.3	2	21+	9	1	1
MERCER 2 NNE MONTGOMERY LOCK AND DAM	45.5M 49.0	22.0M 28.6	33.8M 38.8		76	30+ 29	7	2	1003 803			29 19		2.72		.62	6	9.2	8	6	6	3	0
APRIL 1962 EAGLES MERE	54.0	36.1	45.1		85	28	18	3	614	0	0	16	0	5.50		1.95	1	3.0	2	16	9	4	2
MAY 1962 CLARION 3 SW	71.5	42.5	57.1		87	23	<b>2</b> 5	10	242		0	4	0:	1.55		.32	2	0	C		7	0	0
EAGLES MERE FRANKLIN	68.3	47.1	57.7 63.4	5.4	86 92	16	30 32	10	262 126		0		0	1.67	-2.44	.72	1	0	(		6	0	0

### DAILY PRECIPITATION

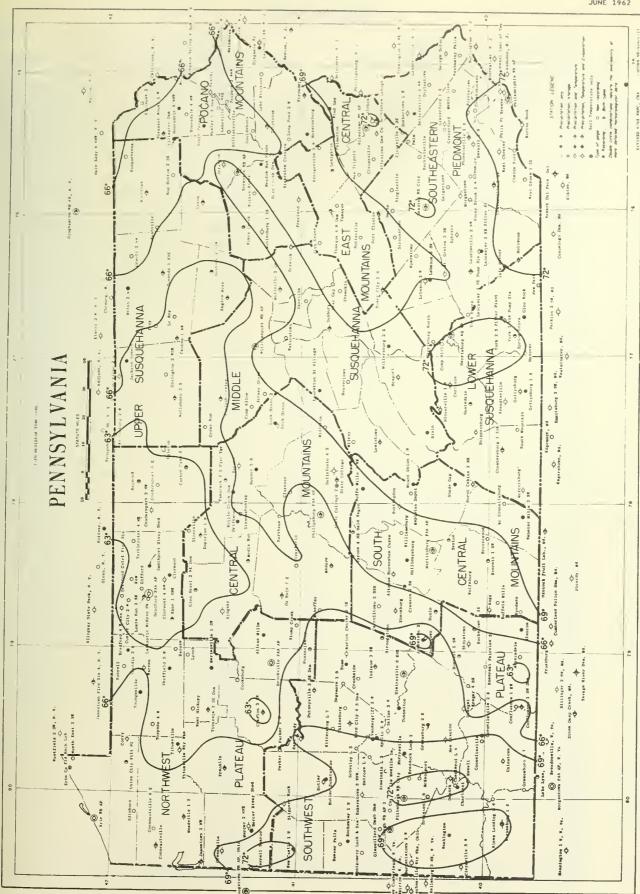
	al													Day	of M	lonth																
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL 1961																																
LANDISVILLE 2 NW	4.99	.58	.02				.06				.98			1.20	.34		.28	. 46		. 02			.01	.18			.76			.10		
DECEMBER 1961																																
DIXON	3.10	т				.02			т		.09	.06	.03	.07		т		.05	.33	. 53	.17	т	.05		. 17	. 85			.21	.47		
DOSHORE 2 SSW	2.11					.13					.07	т	. 03	т						.85	.08	т	T			. 24				,17		
EDINBORO	D2.98					.88	.10	.42	. 52	.04	.05	.03	.03	D.10	Т	.02		т	т	.04	.38	.06			.08			.15	. 08		т	
VIRGINVILLE	3.16					.07					-41		.38	.04				.37	.52	.32	.08					.21				.11		
JANUARY 1962																																
MONTGOMERY LOCK AND DAM	2.36						.20	.23								т	. 43				.11		.22	.03			т	1.03		.04	.05	.02
FEBROARY 1962																																
MONTGOMERY LOCK AND DAM	3.06	.01	.07	.10							.14		.10		. 27		.13			т		.20			1.49		.06	.20	.29			
MARCH 1962																																
EDINBORO	-	-	_	_	_	_	_	-	_	_	-	_	_	_	_	_ (	_	_	- 1	_	~	_	_	_	_	_	_	_	_	_	_	_
MERCER 2 NNE	-						.58	. 55		т	.80		.10		.15	.18	.12	.10			.40	.10	.48									_
MONTGOMERY LOCK AND DAM	2,72						.62	.30			.09		.07	.04				.01			.31	.12	.60									. 56
APRIL 1962																																
DUSHORE 2 SSW	5.50	2.19	.68					.93	. 58		.08			D.37	.08	т	. 03			.08	.15		т							.03	.30	
EAGLES MERE	5.50	1.95	.11					1.26	.69		.18			.34	.13	.03	.10		т	. 07			т							.05		
COUDERSPORT 6 E	4.23	1.27	.30	т				.46	.41		.14			.40	.27	т	т			.04	т			.31					т	г		
WAY 1962																																
CLARION 3 8W	1.55	-27	-32	-04				.01	01	.21																						
				.18	т	т		.18			т	т		.05								.25							.03	.10	.21	
	1.67			.38		•		.02	•	.12	•	•		.05 T							•	.62	Т	T	. 57	T						
	1.91	.45	.19					.05	07	.29					<b>T</b>			Т				.72			.41					T	T	
		.17						т	.07	.29				T T	T		.07					.05			.36				.05	.10		.02

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- Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Aver
APRIL 1961																										П							
LANDISVILLE 2 NW DECEMBER 1961	MAX	41 32														58 33	64	55 29	58 33	49 35	53 31	58 28	64 47	73 50	69 49	80 52	81 59	65 47	59 37	59 40	55 32		55.8 36.2
DIXON	MAX MIN	42								34 19	32 31	38 28	41 32	45 31	34 10	33 10	22	28 1	37 25	40 34	40 34	43 29	35 22	30	27 12	27 19	32 21	35 19	47 25				37.1
JANUARY 1962																																	
MONTGOMERY LOCK AND DAM	MAX	32 25		42 25		53 32		49 27	35 24	25 8	12 - 4	16	- 3	31 9	50 15	43 27	37 26	32 16	25 6	25 10	26 22			42 19				59 28	29 20	30 18			36.6
FEBRUARY 1962 MONTGOMERY LOCK AND DAM	MAX MIN	24 18			62 39			21	40	37 29	30	25 - 2	36 19	37 12	43	33	39 28	38	39	52 36	40	37	53	50	31	53	62	61 35	44				41.3
MARCH 1962																			-	001	2.		0.5	23	20	23	31	33	31				23.5
MERCER 2 NNE	MAX	28 7	26 1	35 8		37 26	34 28		39 15				53	51 31	36 30	35 27	34 24	41 24	45 20	44 18	50 32	46 30		50 35			60 29		64 19	76	76	46	45.5
MONTGOMERY LOCK AND DAM	MAX	33 12		39 13		45 28	37 28	42 22	44 16		42 32		57 38	53 34	39 33	<b>37</b> 30	35 29	46 30	48 22	46 23		56 38		52 37			63 32	60 26	66 25	74 40			49.0 28.6
APRIL 1962 EAGLES MERE	MAX MIN	42 29		37 18			58 38		54 41	53			50	43	36	40	37	36	43	48	51	52	65	79	58	60	79	83 60	85	82	78		54.0
MAY 1962																	22			32	32,	33	10	31	25	40	30	1	60	01	60		36.1
CLARION 3 SW	MAX MIN	75 48	68 33	59 40	64 29	72 30	70 40	68 31	50 38	54 33	64 25	67 34		61 48	82 41	81 47	83 51	80 48	80 49	78 49	81 53	77 50	79 40	87 41	73 50	70 40	67 45	70 47	66 51	73 43	79 52	72 55	71.5 42.5
EAGLES MERE	MAX	72 53	60 43	48 40	62 40	68 44	75 46	69 38	58 36	39 30	52 32	61 39	55 44	66 44	60 44	69 45	86 58	83 58	85 57	85 64	85 60	84 56	70 48	72 49	71 55		73 51	70 46	65 46	58 49	64 49	69 49	68.1 47.1
FRANKLIN	MAX MIN	81 57	70 52	66 43	72 37	79 36	79 36	60 38	56 45	62 36	64 32	73 42	74 42	71 54	91 48	89 55	90 58	90 57	92 57	89 58	89 60	74 57	82 47	85 48			74 54		70 56	79 49	85 62		77.1 49.6

## TOTAL PRECIPITATION



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ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

	NO.		<b>↔</b>	3	DE	N.	TI	ERVA!	MD.				NO.		÷	30	JOE	NO	T		ANI		
STATION	INDEX N	COUNTY	DRAINAGI	LATITUDE	LONGITUD	ELEVATION		EVAP.	T ==	OBSERVER		STATION	INDEX ?	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.			SPECIAL OUR HOTES	OBSERVER
ALLENS MILLS ALLENTOWN WB AP ALLENTOWN GAS CO	0099 0106 0111	ALLEGHENY JEFFERSON LEMIGH LEMIGH BLAIR	1 1 9 9	40 32 41 12 40 39 40 36 40 30	79 49 78 55 75 26 75 28 78 29	748 1600 376 254 1500	MIO M	7A		CORPS OF ENGINEERS CHARLES H. ALLEN U.S. WEATHER BUREAU LEMIGH VALLEY GAS 01V- ALTOONA WATER BUR.	1	HUNTSDALE HYNDMAN INDIANA 3 SE JACKSON SUMMIT JAMESTOWN 2 NW	419D 4214 4304	CUMBERLANO BEOFORD INDIANA TIOGA CRAWFORD	15 12 4 15 2	40 06 39 49 40 36 41 57 41 30	77 18 78 44 79 07 77 01 80 28	610 960 1102 1690 1050	79	8A 7A 7A	8A	C H	HETRO P. OOROSH DONALD LEHMAN CLYMER WATER SYC. CO. ARCHIE LAIN PA. DEPT. FRST. + WIRS.
APOLLO 2 W ARENDISVILLE AUSTINBURG 2 W BAKERSTOWN 3 WNW	0204 0229 0313 0355	WESTMORELAND ADAMS TIDGA ALLEGHENY WARREN	15	40 35 39 55 42 00 40 39 41 40	79 36 77 18 77 32 79 59 79 02	1060 710 1590 1230 1310	8A 7A 3P	8A 7A 3P 7A	СН	EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO D. BACON PGM. CUT FLOWER CO. CORPS OF ENGINEERS	N	JERSEY SHORE JOHNSTOWN JOHNSTOWN 2 KANE 1 NNE KARTHAUS	4385 4390 4432	LYCOMING CAMBRIA CAMBRIA MC KEAN CLEARFIELO	16 4 4 1 16	41 12 4D 20 4D 19 41 41 41 D7	77 15 78 55 78 55 78 48 78 D7	541 1214 1275 1750 950	A6	7A 9A 8A 7A		Сн	GEORGE R. WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDOLPH A. ANDERSON WILLIAM J. HOWE
BEAR CREEK OAM BEAR GAP BEAVER FALLS BEAVERTOWN	0455 0457 0475 0482	LUZERNE NORTHUMBLAND BEAVER SNYDER BERKS	9 15 2 15	41 07 40 50 40 46 40 45 40 22	75 44 76 30 80 19 77 10 75 38	1505 900 760 640 400		7A 3P 7A 7A 7A	С	CORPS OF ENGINEERS ROARING CREEK WATER CO. HOWARD R. KEMP MARLIN R. ETTINGER PAUL W. FISHER		KEGG KETTLE CREEK DAH KITTANNING LOCK 7 KREGAR 4 SE KRESGEVILLE 3 W	4545 4611 4667	BEDFORD CLINTON ARMSTRONG WESTMORELAND CARBON	16	39 59 41 22 40 49 40 06 40 54	78 43 77 56 79 32 79 14 75 34	1280 930 790 2530 720		MIO VAR 7A		c	PA. TURNPIKE COMH. CORPS OF ENGINEERS CORPS OF ENGINEERS INACTIVE 12/59 CITY OF BETHLEHEM
BELLEFONTE 4 S BERNE BERWICK BETHLEHEM	0530 0599 0611 0629	CENTRE BERKS COLUMBIA NORTHAMPTON NORTHAMPTON	14	40 51 40 31 41 04 40 37 40 36	77 47 76 00 76 15 75 23 75 23	240	6 P	8A 87 7A 6P 8A ID	C	ROCKVIEW PRISON FARM FLOYD W. TRUMP AMER. CAR + FNDRY. CO. CITY OF BETHLEHEM LEHIGH UNIVERSITY	1	LAFAYETTE MC KEAN PARK LAKE MINISINK LAKEVILLE I NNE LANCASTER 2 NE PUMP STA LANCASTER 2 NE FILT PL	4727 4733 4758	MC KEAN PIKE WAYNE LANCASTER LANCASTER	15	41 48 41 13 41 27 40 03 40 03	78 40 75 03 75 16 76 17 76 17	2130 1360 1440 255 270	6P	7A 8A 6P		Н	INACTIVE 12/59 MRS. TRENE FOREMAN MRS. GLAOYS REINERE LANCASTER WATER BUR. LANCASTER WATER BUR.
BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS BLOSERVILLE 1 N	0736 0743 0763	PERRY INGIANA MONROE CUMBERLANG SOMERSET	15 4 9 15		77 31 79 09 75 36 77 22 79 02	750 2048 1650 650 1810	AB	8P 8A 7A	c	PA. DEPT. FRST. + WIRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLOERS MRS. EEMA SHAULIS		LANDISVILLE 2 NW LAURELTON STATE VILLAGE LAWRENCEVILLE 2 5 LEBANON 3 W LEBANON 3 SW	4853 4873 4891 4896	TIOGA LEBANON LEBANON	15 15	40 07 40 54 41 59 40 20 40 19	76 26 77 13 77 07 76 29 76 28	360 880 1000 460 490	6P		AB	CG C H	PA. STATE COLLEGE PA. DEPT. OF WELFARE MARRY P. HOWLAND LEON HILLER THOMAS CONNACHIE
BRAOFORO FAA AIRPORT BRAOFORO CNTRL FIRE STA BRAOFORO 4 W RES	0865 0867 0868	ALLEGHENY MC KEAN MC KEAN MC KEAN BEOFURO		40 24 41 48 41 57 41 57 40 00	79 52 78 38 78 39 78 44 78 14	1500	HID H	7A 110 8A 5P	н	CORPS OF ENGINEERS FEO. AVIATION AGENCY BRAOFORO FIRE DEPT. BRAOFORO WATER DEPT. PA. TURNPIKE COMM.		LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN	4972 4984 4992	CARBON BRAOFORO MC KEAN MIFFLIN CLINTON	15	40 50 41 4I 41 50 40 35 41 08	75 43 76 43 78 39 77 35 77 27	1046 1746 483 686	) ) ) 7A	7A 8A 7A 7A 7A		С	GOOWIN S. DEFRENN LEAMON M. BAUHAN RUSSELL LINEMAN AMERICAN VISCOSE CO- JOHN P. FREY
BROOKVILLE FAA AIRPORT BRUCETON 1 5 BUCKSTOWN 1 SE BUFFALO MILLS	1002 1033 1073 1087	JEFFERSON ALLEGMENY SOMERSET BEOFORO WASHINGTON	1 10 4 6 11	41 09 40 18 40 04 39 57 40 23	79 06 79 59 78 50 78 39 80 26	1318	M10 H	10 7A 8A 7A	С	FEO. AVIATION AGENCY AUSTIN R. COOPER ALVIN W. MANGES CLIFFORO C. AOAMS SHITH TWP. MUN. AUTH.		LOCK HAVEN 2 LONG PONO 2 W LYNCH HAOERA MAHAFFEY	5160 5275 5336 5342	CLINTON MONROE FOREST CLEARFIELD CLEARFIELD	16 9 1 16 16	4I 03 41 36 40 50 40 53	77 27 75 30 79 03 78 26 78 44	1280	D 5 0 7A	7A		С	HUGH F. PARKER THOMAS HECKES CORPS OF ENGINEERS MRS. JULIA J. SHOFF MISS ELLEN J. MILES
BURNT CABINS 2 NE # BUTLER BUTLER SUBSTATION CAMP HILL CAMP KLINE	1130 1135 1198	HUNTINGOON BUTLER BUTLER CUMBERLANO LYCOMING	6 2 2 15 16	40 05 40 52 40 51 40 15 41 16	77 52 79 54 79 53 76 55 77 20	1100	8A	5P 8A 6P 7A	c	PA. TURNPIKE COMM. ROGER CLARK WEST PENN POWER CO. JOSEPH N. HOBERT LESLIE 0. OOWLING		MAPLE GLEN HAPLETON DEPOT MARCUS HOOK MARIENVILLE I SW MARION CENTER 2 SE	5381 5390 5400 5408	MONTGOMERY HUNTINGDON DELAWARE FOREST INGIANA	5 6 5 1	40 24 39 49 41 27 40 45	75 11 77 56 75 25 79 09 79 02	161	0 MIO 0 6P	7A		c	FRANCES E. SCHEIBNER MRS. I. S. BUCHANAN SUN OIL CD. ROY A. HARKER CORPS OF ENGINEERS
CANTON 1 NW CARLISLE CARROLLTOWN 2 55E	1234 1255 1262	BRAOFORO CUMBERLANO CAMBRIA POTTER LYCOMING	15 15 16 16 16	40 13 40 35 41 37	76 52 77 12 78 42 77 45 77 21	2040	6P	7A 6P 8A 7A 7A	C H	MRS.HILDRED SPENCER CARROLL G. HILLER ROBERT F. MAURER RICHARD L. MENKEN KATHRYN T. KREIGHBAUM		MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT HEADOM RUN PONOS	5470 5526 5573 5601	BLAIR PIKE FULTON ALLEGHENY LUZERNE	6 5 12 10 15	40 21	78 19 74 42 78 00 79 52 75 40	43 89 72 199	5 0 5	7A 8A 8A		C H	FEO. AVIATION AGENCY HARRY BISLANO MRS. HELEN M. SHIVES NATIONAL TUBE CO. GEORGE PEARAGE
CHAOOS FORD CMAMBERSBURG I ESE CHARLEROI CHARLEROI LOCK 4 CLARENCE	1342 1354 1372	OELAWARE FRANKLIN WASHINGTON WESTMORELAND CENTRE	10	39 52 39 56 40 08 40 09 41 03	75 37 77 36 79 55 79 54 77 56	1040	9P	7A 9P 7A 7A	c	E. EARL TOUCHTON CHARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS MISS VELDA SWANCER		HEADVILLE 1 S MEDIX RUN MERCER 2 NNE MERCER HIWAY 5HED HERCERSBURG	5627 5651 5654	CRAWFORO ELK HERCER MERCER FRANKLIN	1 16 2 2 12	41 15 41 14 39 49	80 10 78 24 80 13 80 15 77 54	110 116 125 61	0 7P 0 5 8A	7A 7A		CH	CITY OF MEADVILLE MRS.E. M. SNYOER MRS. FRAN. STRUTHERS PA. DEPT. HIGHNAYS ROLLIN P. GILBERT
CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELD CLERMONT	1505 1512 1519	CLARION LEHIGH WASHINGTON CLEARFIELD MC KEAN	1 9 11 16	4I 12 40 37 40 07 41 01 41 41	79 26 75 35 80 26 78 26 78 30	1000	1	7A 8A 7A 7A	c	PA- ELECTRIC CO- MILLIAM J. DOTTERER MFGRS. L. + H. CO- IRA TAYLOR MRS. TILLIE M. SIMONOS		MERWINSBURG MEYERSDALE MILAN 2 N MILANVILLE MILLERSBURG 2 E	5684 5731 5738	HONROE SOMERSET BRADFORD WAYNE DAUPHIN	9 17 15 5	39 49 41 56 41 40 40 32	75 28 79 01 76 31 75 04 76 56	210 77 76 56	0	7A 8A		c	ARTHUR A. SHITH PAUL E. FULLER CHARLES E. STROUD CHARLES W. DAVIS RUSSELL SHEPLEY
CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW CONNEAUTVILLE	1534 1585 1705	MC KEAN CHESTER SOMERSET FAYETTE CRAWFORD	1 5 17 17	41 44 39 58 39 48 39 50 41 45	78 32 75 56 79 22 79 22 80 22	342 2 1490 2 1331	AS AS	7A 6A 8A , 6 7A 9A	) AE	MRS. TILLIE H. SIMONDS PHILA. ELECTRIC CO. CORPS OF ENGINEERS JOHN L. REID S. CARLYLE SHELDON		MILLWILLE 2 SW HILLWILLE 2 SW HILROY MONTGOMERY LOCK AND DA MONTROSE	5811 5825 M 5902	CENTRE COLUMBIA HIFFLIN BEAVER SUSOUEHANNA	11	41 06 40 43 40 39 41 50	80 23 75 52	86 77 69	0 7A	7A 7A		Сн	NEVIN E. BOHERSON KENNETH LEIGHON THOMAS C. HARBESON CORPS OF ENGINEERS RALPH TAYLOR
CONNEAUTVILLE 6 E CONNELLSVILLE CONNELLSVILLE 2 E CONSHOHOCKEN COOKSBURG	1729	CRAWFORO FAYETTE FAYETTE MONTGOMERY CLARION	1 17 17 5	40 04	80 19 79 36 79 3 75 19 79 1	870 3 1300 9 70		BA BA BA	c	MRS. PALLA J. TAUTIN MARSMALL B. MENEFEE HAPRY C. JOY PHILM. ELECTRIC CO. PA. OEPT. FRST. + WTRS.		HORGANTOWN MT GPETNA Z SE MOUNT UNION 1 N HUHLENBURG 1 SE HURRYSVILLE	6021	BERKS LANCASTER MIFFLIN LUZERNE WESTMORELAND	15	4D 14 40 24 41 13	75 54 76 26 77 5: 76 01 79 4:	67	0	MID		c	PA. TURNPIKE COMM. PA. TURNPIKE COMM. HT. UNION WATER WORKS INACTIVE 2/60 OAVID C. SMAN
CORAOPOLIS NEVILLE IS CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 WSW	1806	ALLEGHENY DERIE DOTTER POTTER TIOGA	11 1 16 15	41 55 4I 49	80 D 79 3 78 0 77 5 77 0	9 1440 3 2020 3 242	6P 7P	8A 6P 8A 8A 7A	н	PGM. COKE + CHEM. CO. RICHARD T. HOUNTAIN MISS ELIZABETH NEFF MRS. HENRIETTA O DEITER CALVIN R. PACKARD		MYERSTOWN NATRONA LOCK 4 NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N	615 6174 6194 623	LEBANON ALLEGHENY HUNTINGDON BUCKS LAWPENCE	6	40 37 40 40 40 09 41 01	76 14 79 4 77 5 74 5 80 2	80 90 62 82	00 00 00 55 5F			c	MRS.KATHLEEN WANDELL CORPS OF ENGINEERS PA. STATE UNIVERSITY PHILA. SUB. WATER. CD. LEWIS W. HAMILTON
CREEKSIDE CRESSON 2 SE CUSTER CITY 2 W DANVILLE DEVAULT 1 W	189	I INDIANA CAMBRIA B HC KEAN HONTOUR CMESTER	1 6 1 15 14	40 27	79 1 78 3 78 4 76 3 75 3	4 2541 1 212 7 46		7A 7A 7A H10	С	CORPS OF ENGINEERS FRED A. PLEMPEL INACTIVE 12/59 MRS. MARIE M. LITTLE PA. TURNPIKE COMM.		NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI	628 629 631 632	FAYETTE YORK PERRY WESTMORELAND	15	40 41	76 3 77 0 79 3 75 4	78 9 40 5 98 5 51	00 74 80 MIC	6P 7A 0 M1D 6P		н	GENERAL CHEMICAL CO- CLINTON J. ALLEN MRS. FRANCES K. FRY PA. TURNPIKE COMM. FRED C. OSWALO
OINGMANS FERRY OIXON DONEGAL DONORA OOYLESTOWN	217	PIKE 1 WYOMING 3 WESTMORELAND 0 WASHINGTON 1 BUCKS	15 17 10 5	41 32	74 5 75 5 79 2 79 5 75 0	7 75 3 174 2 90	7A 6 MIQ 5 P	7A M10 SP SP	C	THOMAS A. MOTALEN HAROLD J. KUSCMEL PA. TURNPIKE COMM. THEODORE F. MATHUES GEORGE HART		NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW PALMERTON	639 662 668 668	MONTGOMERY ERIE BRADFORD MONTGOMERY CARBON	12	8 42 12 5 41 55 4 40 26 9 40 48	79 4 76 1 75 3 75 3	9 106 8 134 2 38 7 43	85 35 H10	9A 8A 8A 0 M I C		c	BOROUGH OF NORRISTOWN ELLSWORTH WEAVER ELMER TO MOORE FRED CO. ESCHBACH NEW JERSEY ZINC CO.
ORIFTWOOD OU BOIS 7 E DUNLO DUSHORE 2 55W EAGLES MERE	226 229 232	5 CAMERON 5 CLEARFIELO 8 CAMBRIA 5 SULLIVAN 3 SULLIVAN	16 16 16 16	41 06 40 17 41 29	78 0 78 3 78 4 76 2 76 3	8 167 3 241 5 191	0 5P	8A	0 0	SIDNEY KENNEDY CITY OF OU BOIS HAS. D. L. WHITE ROBERT J. OBERT FRANCIS B. HANLEY		PARKER 1 E PAUPACK 2 WNW PHIL DREXEL INST OF TE PHILADELPHIA WB AP	672 676 687 688	9 PHILADELPHIA	١.	5 39 53	79 4 75 1 75 1 75 1	0 110 4 136 1 :	00 60 30 HII 7 MI	0 M10	A .	C	LOUIS A. MALARKEY P. M. NEELY MISS L. VETTERLEIN FRANCIS K. DAVIS. JR. U.S. WEATHER BUREAU  ATLANTIC REFINING CO.
EAST BRADY EBENSBURG EDINBORO EMPORIUM 1 N ENGLISH CENTER	246 251 263	3 CLARION 6 CAMBRIA 4 ERIE 5 CAMERON 4 LYCOMING	16	40 59 40 29 41 52 41 32 41 26	78 4 80 0 76 1	3 209 8 122	0 7P	5P 7A 8A 8A 7A	C	A. B. KEMPEL ROBERT A. WASSER EGINBORO ST. TCHR. COL. MRS. TALLIE M. BRITTON WILLIAM SUDERS		PHILADELPHIA PT BREEZE PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2	691 692 693 699	CENTRE CHESTER LUZERNE ALLEGHENY	1 1 1	5 41 18	78 0 75 3 76 0 80 1	5 19: 0 16 8 13: 3 11:		D M10 P M10 74 D M10	D A D	0000	FEO. AVIATION AGENCY PHILA. SUB. WATER COMM MARRY SHELOON U.S. WEATHER BUREAU
EPHRATA EDUINUNK 2 ERIE CO FIELD RSCH LAB ERIE WB AIRPORT EVERETT 1 SW	267 267 268	2 LANCASTER 1 WAYNE 3 ERIE 2 ERIE 1 BEDFORO	6	40 11 5 41 51 6 42 13 6 42 05 6 40 00	76 1 75 1 79 5 80 1 78 2	3 91 1 74 2 73	0 0 2 M1D	7A H10	G C I	STANLEY L. VON NEIDA MRS. HENRIETTA MURRY FIELD RESEARCH LAB. JUS. WEATHER BUREAU 1 PA. TURNPIKE COMM.		PITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNXSUTAWNEY	702 711 716 721	7 ALLEGHENY 9 WAYNE 6 SCHUYLKILL 1 SCHUYLKILL 7 JEFFERSON	1	5 41 44 4 4D 35 4 40 42 1 40 57	75 2 76 0 76 1 79 0	7 180 2 40 1 60 0 130	50 7. 90 00	A 5/ A 7/ 8/	A A	C C	U.S. WEATHER BUREAU H WILLIAM POLIVKA HRS. ADA E. RARICK LLOYD E. WELLER CARL E. ROTOLD
FARRELL SHARON FORD CITY 4 S DAM FRANKLIN FREELAND GALETON	294 302 305	4 MERCER 2 ARMSTRONG 0 VENANGO 6 LUZERNE 0 POTTER	1	41 14 40 43 1 41 23 5 41 01 6 41 44	79 4	9 98 9 98	0 8A 7 7P 0 6P	7P 8A 7A 8A 7A	8A C	SHARON STEEL CORP.  CORPS OF ENGINEERS JAMES A. RHOAOS ANDREW B. EVANSHA STANLEY G. LUSH		PUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYHOND W READING WB CITY RENOVO	723 731 731 740	9 ARMSTRONG 9 BUCKS D POTTER 8 BERKS 9 CLINTON	1 1	1 40 55 5 40 26 3 41 52 4 40 20 6 41 20	75 2 77 5 75 5 77 4	0 4 2 22 8 2 5 6	90 5 20 66 MI 60 7	7,1	A A O	C 1	CORPS OF ENGINEERS DENNIS K. FLUCK MAS. RACHEL LANGAN HJ U.S. WEATHER BUREAU ELMER G. BATSCHELET
GEIGERTOWN GEORGE SCHOOL GETTYSBURG GETTYSBURG 1 S GIFFORD	320 321	BERKS BUCKS BUCKS BADAMS BADAMS BADAMS	1	5 40 13	77	56 13 14 54 14 53	5 8A 0 9A		c	WALTER C. WOLF H GEORGE M. HART HUGH C. HC ILHENNY NATIONAL MILITARY PARK INACTIVE 12/59		RENOVO 5 S REW RICES LANDING L 6 RIDGWAY ROCHESTER 1 N	742 744 747 754	O CLINTON 5 MC KEAN 3 GREENE 7 ELK 0 BEAVER	1	6 41 14 1 41 54 39 57 1 41 25 2 40 43	78 3 7 8D 0 5 78 4 8 80 1	2 22 D 7 5 13 8 9	50 75 60 8		A J	c	C. F. BILLETTE EOWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIDGWAY DEDUESNE LIGHT CO.  CARL KOPATZ
GLENCOE GLEN HAZEL 2 NE OAM GLENMOORE GLEN ROCK GLENWILLARD DASH DAM	331 332 333	SOMERSET ELK CHESTER YORK ALLEGHENY	1	2 39 49 1 41 34 5 40 06 5 39 48 1 40 33	78 75 76	36 172 47 44 44 62	0	8A 7A 7A	c c	MRS. HARY M. MARTHAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. HC WILLIAMS CORPS OF ENGINEERS		RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 W	772 773 773 778	7 SUSQUEHANNA 9 WARREN 2 LANCASTER 9 INDIANA 2 WESTMORELANG	0 1	5 41 40 1 41 56 5 39 55 1 40 46 7 40 31	79 0 76 2 79 1 79 3	8 3 2 4 13 3 11		7: 8: 7: P 6:	A P	c	MIKE L. FERRIE S.M. WATER POWER CORP. CORPS OF ENGINEERS MUN. AUTH. WSTMRLO. CO MRS. ALVERTA L. HOLMES
GOULDSBORO GRATERFORO GRATERFORO 1 E GREENSBORO LOCK 7 GREENSBURG 2 E	343	94 WAYNE 35 MONTGOMERY 37 MONTGOMERY 33 GREENE 15 WESTMORELANI	1 1 1 1 1 1	0 39 47	79	27 19	5 0 7A	7A 7A 7A 7A	c	OANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. OEPT. MIGHWAYS		SAXTON SCANOIA 2 E SCHENLEY LOCK 5 SCRANTON SCRANTON WB AIRPORT	785 786 790 790	6 BEDFORO 5 WARREN 3 ARMSTRONG 12 LACKAWANNA 15 LUZERNE	1	6 40 12 1 41 55 1 40 4 5 41 25 5 41 26	79 6	1 20 7 0 7 4 9	40 MI	A 7	R A	000	OAVIO R. ANDERSON CORPS OF ENGINEERS U.S. POST OFFICE U.S. WEATHER BUREAU
GREENVILLE MANOVER # MARRISBURG WB AP HARRISBURG NORTH MAWLEY	352 366 369	HERCER 52 YORK 99 YORK 04 OAUPHIN 58 WAYNE	1	2 41 24 5 39 48 5 40 13 5 40 18 5 41 29	76 76 76	59 66 51 3: 54 3:	00 8A 01H 08	8A	c	C. EARL MILLER H HANOVER EVENING SUN U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES		SELLERSVILLE 2 NW SMADE GAP 2 NE SMAMOXIN SMEFFIELO 5 W SMIPPENSBURG	798 791 802 801	8 BUCKS 15 HUNTINGDON 18 NORTHUMBLAN 16 WARREN 13 FRANKLIN	D 1	5 40 2 6 40 1 5 40 4 1 41 4 5 40 0	2 77 9 8 76 3 2 79 0 3 77 3	2 9 13 7 18 19 32 7		8 1P 4	Р	000	SELLERSVILLE WATER CO- MRS. HELEN M. PYLE ROARING CREEK WATER CO #ILBUR R. NORDIN H KEITH 8. ALLEN MRS. FRANCES CALOWELL
HAWLEY 1 S OAM HOLLIOAYSBURG HOLLISTERVILLE # HOLTWOOO HOME	40	61 WAYNE 01 BLAIR 08 WAYNE 19 LANCASTER 27 INDIANA	1	5 41 28 6 40 26 5 41 23 5 39 50 1 40 45	78	24 9 26 13 20 1	50 50 87 M10	8A 8A	CCC	PA. POWER + LIGHT CO. JOHN H. RINGLER PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. MRS. EONA M. BUSH		SINNEMAMONING SIZERVILLE SLIPPERY ROCK SMETHPORT HIGHWAY SHE SOMERSET FAIRVIEW ST	0 819 819 829	S CAMERON S CAMERON S BUTLER HC KEAN SOMERSET	1	16 41 1 16 41 3 2 41 0 1 41 4 17 40 0	5 78 1 4 80 6 8 78 1 1 79	11 12 03 13 27 15 05 21	10	7 7 7 7	A	C	MRS. FRANCES CALUMELL MRS. AGNES LION H RAYMONO E. MILLER PA. DEPT. HIGHWAYS HOWARD G. PECK EUGENE M. COOK
HONESOALE 4 NW HONESOALE 6 NNW HONEY BROOK 1 W HOP BOTTOM 2 SE MUNTINGOON	40	43 WAYNE 44 WAYNE 47 CHESTER 66 SUSOUEHANNA 59 HUNTINGDON	1	5 41 35 5 41 35 5 40 08 5 41 43 6 40 25	75 5 75 3 75	17 10 56 7 43 9	1D 5D 00 00 00 40 7#	9A 7A 7A 7A	c	GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER		SOUTH CAMAAN 1 NE SOUTH MOUNTAIN SPRING GROVE # STATE COLLEGE STATE COLLEGE 2	836	PAYNE PRANKLIN PAYORK PRANKLIN PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORK PAYORE	1	5 41 3 12 39 5 15 39 5 16 40 4 16 40 4	8 77	30 15 52 4 52 11	00 20 70 175	8	PA BA PA	000	PA. OEPT. OF HEALTH P. H. GLATFELTER CO- PA. STATE UNIVERSITY PA. STATE UNIVERSITY

STATION	EX NO.	COUNTY	AAGE 1	TITUDE	LONGITUDE	ATION		TABI	ES	OBSERVER	STATION	EZ NO.	COUNTY	IAGE 1	LATITUDE	LONGITUDE	ATION		SERV TIME TAB		OBSERVER
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STUMP CREEK SUNBURT SUS QUEHA NNA TAMAQUA TAMAQUA & N ORM	8688 8662 8758	JEFFERSON NORTHUMBLAND SUSQUEHANNA SCHUYLKILL SCHUYLKILL	15	41 01 4D 52 41 57 40 48 40 51	78 50 78 47 75 34 75 58 75 59	480 1020 850	7A	7A 7A 7A 8A 7A	c	CORPS OF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WIR. CO.	WOLFSBURG YORK 3 SSW PUMP STA YORK 2 S FILTER PLANT YORK HAVEN YOUNGSVILLE	9933 9938 9950	YORK	15 15	40 03 39 55 39 56 40 07 41 31	76 44 76 45	390 640 310	5P	7A 5P 8A	6	WALTER CORFICE YORF WATER COMPANY YORF WATER COMPANY METROPOLITAN LOISON O MENRY CAHLETT
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TORPEDO & H TOWANDA 1 ESE TOWER CITY 1 S TOOY TUNNELTON	8905 8912 8959	WARREN BRADFORD SCHUYLKILL BRADFORD INGIANA	15 15	41 47 41 45 40 34 41 47 40 27	76 33 76 47	745 790 1100	7.A		C H	MRS. LILY B. GARBER LEVERN ROOT JOHN MURRY, JR. JENNIE L. BALLARD MRS. MARY E. WEIMER	## WE35VN & #	4362	ONEENC	10	34 24	80 13	980				COMBINEO WITH STA 9)
MION CITY FILT PLANT	9024 9042 9050	MC KEAN BLAIR ER1E FAYETTE WESTMORELAND	1 10	41 54 40 43 41 55 39 54 40 36	78 16 78 12 79 48 79 44 79 33	1020		7A 7A 7A 6P 7A	C	ROBERT D. STRAIT FREDERICK L. FRIDAY HAROLD W. HAMMOND WM. W. MARSTELLER UNITED ENG. + FNDRY.CO.											
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1 -ALLEGHNEY; 2-BEAVER; 3- 4-COMEMBUCH; 3-DELAWARE; 6-JUNIATA; 7-KISKIMINETAS; 8-LAKE ERIE; 9-LEWIGH; 10-MONONGARELA; 11-ORIO; 12-POTOMAC; 13-LAKE ONTARIO; 14-SCHUYLRILL; 15-SUSQUERANNA; 16-WEST BRANCH; 17-YOUGHIOCHEMY

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office

Delayed data and corrections will be carried only in the June and December issues of this bulletin,

Monthly and seasonal snowfall and heating degree days for the 12 southe ending with the preceding June data will be carried with the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Daless atherwise indicated, discussional units used in this bulletin are: Temperature in 'F, precipitation and evaporation in inches and wind novement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65' F.

Exapporation is measured in the studard feather Bureau type pan of 4 foot dismeter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Wax and Win in "Evaporation and Mind" Table refer no extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Nator quivalent values published in the "Snowfall and Snow on Ground" Table are the water quivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken free different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may revult in apparent inconsistencies in the record. Entries of smowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ite.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Mind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time,

ow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T

In the Station Index the lettere C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following

- C Recording Rain Cage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. 6 "Soil Temperature Table.

  H "Snowfall and Snow on Ground" Table. Obission of data in any month indicates no snowfall and/or enew on ground in that month.

  J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

- OTHER REFERENCE NOTES

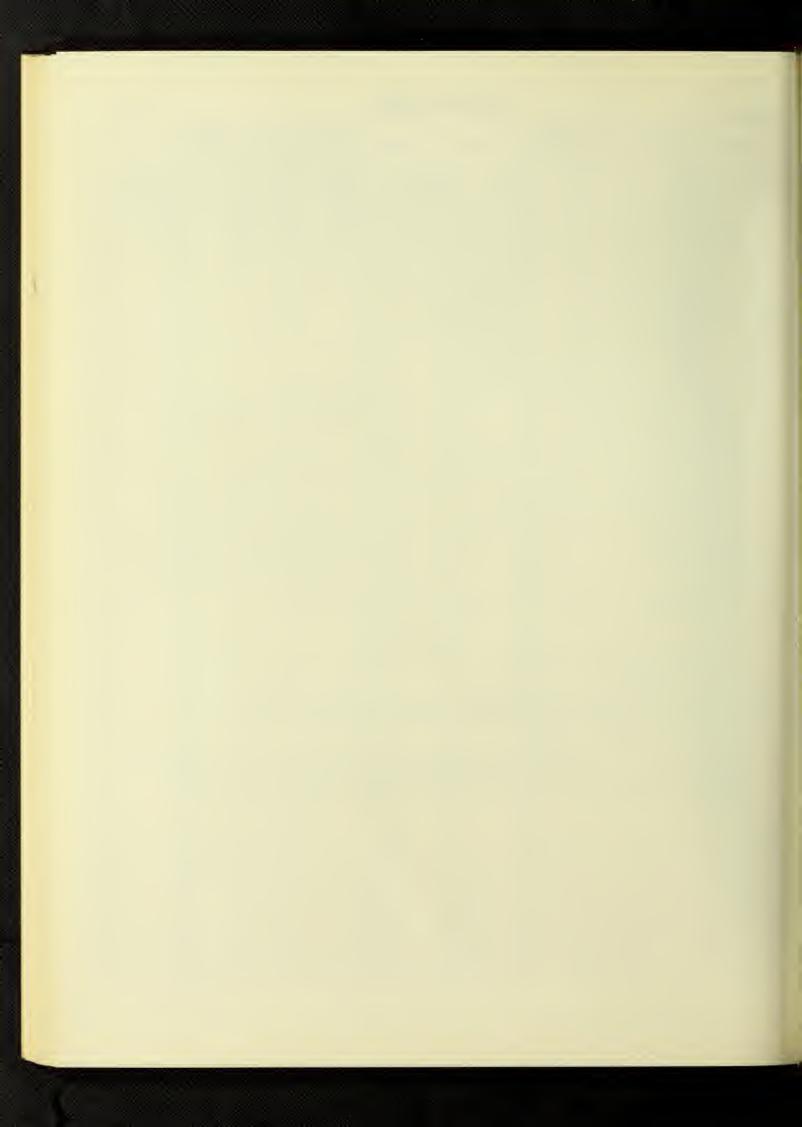
  No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
  Interpolated values for monthly precipitation totals may be found in the annual issue of the publication.
  Interpolated values for monthly precipitation totals may be found in the annual issue of the publication.
  Station Index.
  And also on an earlier date in dates.
  Pasteet observed one sinute wind speed. This station is not equipped with automatic wind instruments.
  Anount included in following seasurement, time distribution unknown.
  Anount included in following seasurement, time distribution unknown.
  Gage is equipped with a windshield.
  This entry in time of observation column in Station Index means after rain.
  Adjusted to a full south.
  Adjusted to a full south.
  One or more days of record sleeing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full south.
  Amounts from recording gage. (These amounts are essentially accurate but may vary eligibily from the amounts to be published later in Hourly Precipitation Data.)
  This entry in time of observation column in Station Index means observation made near sunset.
  Includes total for previous month.
  Includes total for previous m

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the hietory of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Manhington 25, D. C. for 65 cents. Similar information for regular Weather Sureau stations may be found in the latest annual issue of Local Climatological bats are the respective stations, officed as boxed price 13 cents.

Subscription Price: 20 cents per copy, monthly and annual; 22.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be eart to the Superintendent of Documents. (Overnment Printing Office, washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 8/10/62 --- 1075







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### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

## CLIMATOLOGICAL DATA

PENNSYLVANIA

JULY 1962 Volume 67 No. 7



SEP 24 1962

### PENNSYLVANIA - JULY 1962

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 9th at Scranton.

Lowest Temperature: 35° on the 2d at Coudersport 3 NW.

Greatest Total Precipitation: 5.22 inches at Carter Camp

Least Total Precipitation: 0.46 inch at Lancaster 2 NE Pump Station.

Greatest One-day Precipitation: 2.38 inches on the 23rd at Palmerton.

### SPECIAL WEATHER SUMMARY

The 3-month long dry spell continued unabated through July in most areas of Pennsylvania. As water shortages mounted, economic consequences became more serious particularly for agricultrual interests who have been suffering from insufficient moisture since April. In many places drought conditions intensified as the relatively few showers and thunderstorms yielded only 10 to 30% of normal July rainfall. This was particularly true in parts of the agriculturally-important southeast notably Lancaster, Lebanon and Berks counties where monthly totals were less than .75 inch. Reading reported .52 inch for the driest month since December 1955, the 5th driest month since the turn of the century and the driest July of record. Central counties were also hard hit. In the drought-stricken northeast however, showers on the 18th and 24th yielded more than one inch of rain each day at a number of places to improve conditions somewhat over earlier months. Western areas fared relatively well receiving 60 to 80% of normal rainfall. few isolated spots, particularly in northern counties even boasted a greater than normal monthly total.

As of the end of July rainfall deficiencies from normal since the beginning of the growing season (April 1st) ranged from one inch in the Philadelphia and Erie areas to as much as 10 inches

in the northeast with defecits in most other sections ranging from 3 to 7 inches. For eastern Pennsylvania deficiencies of such magnitude are rare especially during this period of the year with the result that the effects were very pronounced and could be seen everywhere. Rivers and streams reached record low levels at a number of places, lawns were parched, pastures dried up, grains and hay were short, fruit did not size well and vegetable yields were relatively small. The seriousness of the situation was exemplified by the fact that during July a number of counties were declared emergency disaster areas by the U.S. Department of Agriculture and by the end of the month 51 counties were included in the program.

> Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

### CLIMATOLOGICAL DATA

PENNSYLVANIA JULY 1962

			Tem	perat	ure											Preci	pitation					
									Z	o. of I	Doyo						Sno	w, Sleet			40. af	Days
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		66+3	- 3.4										2 • 3 7	- 1.61			• 0					
82.6 79.5 77.4 84.0 79.4	52.6 53.7 49.3 54.7 50.3 51.2	67.6 66.6 63.4 69.4 64.9 63.5	- 4.1	88 90 95	8+ 9 9	42 39 44	28 •28+ 28 28	29 79 12	0 1 3 1	000000	0 0 0 0	000000	.97 1.83 3.21 1.11 2.83	- 3.22	.39 1.08 .32	24	.00			6	0 2	0 0 1 0 0 0
	78.5 78.8 80.1 75.2 82.9 82.5 78.1  83.5 84.0 83.1 82.8 82.5 82.5 82.7 83.0 84.7 83.0 83.3 83.1 84.7 82.7 86.0 83.3 83.5 84.7 85.4 83.5 83.2 86.0 84.1 85.5	78.5 52.4 78.8 59.2 80.1 50.7 75.2 49.1 82.9 56.2 82.5 58.0 82.5 58.5 83.5 59.5 84.9 59.4 83.2 60.9 84.1 58.7 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.1 57.0 84.7 59.1 83.0 65.7 83.0 65.7 83.0 65.4 82.1 57.5 60.9 84.1 63.7 85.5 60.9 85.4 63.7 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 57.6 88.1 58.0 8	78.5 52.4 65.5 78.8 59.2 69.0 80.1 50.7 65.4 775.2 49.1 62.2 82.9 56.2 69.6 82.5 58.0 70.3 82.5 59.5 71.5 84.9 59.4 72.2 83.2 62.5 72.9 83.2 62.5 72.9 83.2 62.5 72.9 83.2 62.5 72.9 83.3 60.7 71.0 83.1 58.9 71.0 82.8 60.9 71.9 83.1 57.0 70.1 82.7 59.1 70.9 83.3 65.7 74.5 84.7 57.3 71.0 83.1 57.0 70.1 82.7 59.1 70.8 84.7 57.3 71.0 83.1 57.0 70.1 82.7 59.1 70.8 84.1 57.5 69.8 84.7 57.9 77.2 83.0 61.0 72.0 83.2 66.2 74.7 83.5 65.4 74.5 82.8 60.9 73.9 83.1 57.6 70.9 83.1 57.6 70.9 83.2 66.2 74.7 83.5 66.4 74.5 82.7 59.4 71.1 82.1 57.5 69.8 83.3 60.1 71.7 83.5 66.4 74.5 84.1 57.6 70.9 84.1 57.6 70.9 84.1 57.6 70.9 84.1 57.6 70.9 84.1 57.7 73.9 85.5 60.9 73.2 88.8 60.9 72.9 88.9 60.3 72.6 88.8 60.9 72.9 88.8 60.9 72.9 88.8 60.9 72.9 88.9 60.3 72.6 88.8 60.9 72.9 88.9 60.3 72.6 69.6	78.5 52.4 65.5 78.8 59.2 69.0 - 1.3 80.1 50.7 65.4 75.2 49.1 62.2 82.5 58.0 70.3 - 1.1 82.5 53.5 68.0 72.2 2.3 83.2 62.5 78.1 51.7 64.9 - 4.7 78.1 51.7 64.9 - 4.7 81.1 51.7 64.9 - 3.1 83.5 59.5 71.5 - 2.6 82.5 58.6 70.6 - 2.5 82.0 52.0 67.0 - 5.7 70.8 - 2.2 88.1 58.9 71.0 82.8 60.9 71.9 - 3.0 83.1 58.9 71.0 82.8 60.9 71.9 - 3.9 83.0 61.0 72.0 - 3.1 82.5 65.0 73.8 3.3 65.7 74.5 69.8 83.1 57.0 70.1 82.5 66.0 73.8 3.3 65.7 74.5 69.8 83.1 57.0 70.1 82.5 65.0 73.8 3.3 65.7 74.5 69.8 83.1 57.0 70.1 82.5 66.0 73.7 82.7 59.1 70.9 83.0 65.7 74.5 69.8 85.4 62.0 73.7 85.5 60.9 73.0 73.2 - 2.3 84.1 57.6 70.9 - 3.5 85.4 62.0 73.7 85.5 60.9 73.0 73.2 - 2.3 84.1 57.6 70.9 - 3.5 85.5 60.9 73.2 - 2.3 50.8 85.4 63.7 73.9 - 3.0 85.5 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.4 60.9 73.2 - 2.3 50.8 85.1 58.0 75.4 60.9 73.2 - 2.3 50.8 85.1 58.0 75.4 60.9 73.2 - 2.3 50.8 85.1 58.0 75.4 60.9 72.9 84.9 60.9 72.9 66.8 72.	78.5 52.4 65.5 99.8 80.0 1.3 90.8 80.1 50.7 65.4 99.8 82.5 58.0 70.3 -1.1 94.8 82.5 58.5 71.5 -2.6 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.5 58.6 70.6 -2.5 94.8 82.6 58.9 71.0 95.8 83.3 65.7 71.9 -3.9 92.8 82.8 59.4 71.0 92.8 82.8 59.4 71.0 92.8 82.8 59.4 71.1 89.2 82.8 59.4 71.1 89.2 82.8 59.4 74.5 92.8 92.8 82.8 59.4 74.5 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8	Table   Tabl	*** *** *** *** *** *** *** *** *** **	Tell   Tell	The color of the	The color of the	The color of the	The color of the	Residence   Resi	Tell   Tell	TR.5	The color of the	### ### ### ### ### ### ### ### ### ##	The state of the	The color of the	## Section   Part   Par	The company of the	## Part   Part

### CLIMATOLOGICAL DATA

				Tem	peroti	Jre		- (					-				Precip	oitotion					
				_			ĺ			No	o. of I	Doys	4		_ 1			Sno	w, Sleet		N	o. of	Doys
Station	Average Maximum	Average Minimum	Average	Departure From Narmal	Highest	Date	Lowest	Date	Degree Days	Above OW	+	Bolow O° or		Total	Departure From Narmal	Greatest Day	Date	Tatal	Max. Depth on Graund	Date	.10 ar Mare	.50 ar Mare	1.00 or Mare
RENOVO RIDGWAY STATE COLLEGE	84•7 79•6 80•6	51.4 50.5 58.8	68 • 1 65 • 1 69 • 7	- 3·1 - 2·4	95 90 92	9 9+ 9	42 40 49	29+ 28 27	17 55 13	3 2 2	000	0 0 0	0 0 0	.95 2.41 .77	- 3.25 - 2.03 - 3.01	•57 •47 •33	24 9 15	•0			4 8 2	0	0 0 0
DIVISION			66.5	- 3.5										1.64	- 2.62			•0					
SOUTH CENTRAL MOUNTAINS																							
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW HUNTINGDON JOHNSTOWN KEGG MARTINSBURG FAA AP	80.7 83.8M 78.1 82.1 84.2 83.4 82.3 81.3	56.7 58.2M 54.0 57.2 53.7 56.7 56.6	68.7 71.0M 66.1 69.7 69.0 70.1 69.5 69.6	- 2.2 - 2.7 - 3.8 - 3.0	90 93 87 92 96 93 92 92	8+ 9+ 8+ 14+ 9 8 8	46 45 44 45 45 47 47	2 28 28 28+ 28	7 0 20 10 16 9 5	2 2 0 4 4 3 2 1	000000	0000000	0 0 0 0 0 0	2.58 2.16 2.71 3.40 2.22 3.35 3.59 1.20	- 1.96 - 1.79 - 1.92 - 1.35	.61 .68 1.11 1.42 .89 1.10 1.22	18 22 19 13 23 17	.0 .0 .0	0 0 0		6 7 5 6 8 4 5	2 2	0 0 1 1 0 1 2 0
DIVISION			69.2	- 2.6										2 • 65	- 1.55			•0					
SOUTHWEST PLATEAU																							
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W BUTLER CLAYSVILLE 3 W CONFLUENCE 1 SW DAM OONDRA FORD CITY 4 S DAM INDIANA 3 SE MARION CENTER 2 SE MONTGOMERY LOCK AND DAM NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R YELLEY ROCK STOYSTOWN UNIONTOWN UNIONTOWN WAYNESBURG 1 E DIVISION	82.4 77.7 80.5 81.9M 82.9 79.3 83.5 80.7 81.7 78.9 84.3 84.5 83.2 81.1 81.5 80.8 80.7 81.5 80.2 80.7 80.2	58.3 58.0 54.7 54.8M 55.4 55.4 55.8 56.4 59.0 56.9 61.4 59.1 63.8 55.1 55.1 58.4 54.1 60.8	70.4 67.9 67.6 68.4 69.2 67.0 72.1 68.8 67.7 71.4 70.6 73.0 69.7 70.1 72.9 67.9 68.8 69.6 65.7 71.6	- 2.7 - 3.6 - 2.0 - 2.9	92 88 90 91 90 90 91 91 92 93 89 91 90 88 90 88 90	8 8 1 1 + + + + + + + + + + + + + + + +	4464444664444664444664444664444664444664444	28 28+ 28 28+ 28 27 28 27 28 28 28+ 10 28 28	10 17 32 28 12 25 1 14 20 3 6 5 10 11 0 21 7 7 42 2 2	2 7 3 0 2 1 0 2 0 2	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000000000000000	4 . 33 4 . 55 3 . 54 2 . 90 2 . 73 2 . 22 2 . 39 2 . 12 3 . 34 4 . 20 3 . 25 2 . 44 3 . 13 3 . 27 3 . 34 3 . 27 5 . 34 3 . 27 5 . 34 3 . 27 5 . 34 3 . 27 5 . 34 3 . 27 5 . 34 3 . 34 3 . 27 5 . 34 5 . 34 5 . 34 5 . 34 5 . 34 6	41 - 1.39 - 1.31 - 1.13 - 1.44 47	2.01 2.35 1.24 2.77 1.02 1.82 4.95 1.88 1.00 2.00 1.72 2.11 8.82 1.92 2.11 1.92 1.93 1.93 1.93 1.93 1.93 1.93 1.93 1.93	21 4 4 4 3 22 22 15 4 4 3 3 3 3 2 4 3 2 3 3 4 3 3 4 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 3 4 3				7 5 6 8 8 8 6 8 8 5 6 5 8 8 8 7 4 5 9 6 6 8 5 5	2223442111220011223111120112211	1 1 0 0 1 1 1 1 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0
NORTHWEST PLATEAU									ļ			1											
BRAOFORD FAA AIRPORT BRADFORD 4 W RES BROOKVILLE FAA AIRPORT CLERMONT 4 NW CONNEAUTVILLE CORRY COUDERSPORT 3 NW EAST BRADY ERIE WB AIRPORT FARRELL SHARON GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEAOVILLE 1 S MERCER 2 NNE TIONESTA 2 SE DAM TITUSVILLE WATER WORKS WARREN	75.1 77.9 79.3 77.9 81.8 78.7 76.9 84.7 78.4 85.4 86.1 181.1 78.0 80.0 82.4 80.0 77.1	51.3 49.2 54.0M 50.3 53.6 53.0 46.5 57.1 60.5 60.9 56.8 54.5 47.3 54.4 54.6 50.3	63.2 63.6 66.7 64.1 67.7 65.9 61.7 70.9 69.5 73.2 71.5 67.8 62.7 67.2 68.5 67.0 63.7 67.7	- 4.0 - 1.6 - 1.6 - 0.6 - 3.2 - 2.8 - 3.5	85 87 89 92 94 88 93 96 95 91 89 91 88 92	6 7 9 8 8 8	42 38 44 36 41 38 35 44 50 51 45 42 36 44 45 40 44	2 10+ 2 10 10 2 10 10 10 10 2 27 28+ 27 28+	70 70 25 76 30 35 106 6 7 0 1 28 100 27 17 35 57 18	0 0 1 3 0 0 3 1 6 9 2 0 2 2	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2.89 3.18 3.05 4.689 2.36 2.35 2.39 1.96 2.36 2.36 2.36 2.36 2.36 2.36 2.36 2.3	50 - 1.28 - 1.62 - 1.75 - 1.21 - 1.2420	.79 1.08 2.00 1.00 1.00 1.00 1.22 9.9 .77 .66 .77 .99 1.22 .83 .99	26 26 26 26 26 26 26 26 26 26 26 26 26 2				96 85 66 55 46 66 55 88 88 85	1 1 1 3 2 3 2 2 4	1 0 2 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0

### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numh	per of da	ys with	precipi	tation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of faeteet mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	.0109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to
A TOP OF THE PERSON OF THE PER	SW	11	8.7	52++	WSW	23	80	79	45	55	7	2	1	2	0	0	12	-	5.8
ALLENTOWN WB AIRPORT	WNW	13	11.3	25++	SSW	26	73	72	56	56	4	5	4	0	1	0	14	_	5.6
ERIE WB AIRPORT					SW	23	76	77	49	54	9	2	3	1	0	0	15	68	6.2
HARRISBURG WB AIRPORT	NW	19	6.7	29														57	6.2
PHILAOELPHIA WB AIRPORT	WSW	16	7.3	34	NW	23	79	77	53	59	8	2	3	2	0	0	15		
PITTSBURGH WB AIRPORT 2	SW	9	7.4	23++	NW	25+	84	86	51	57	8	5	3	0	1	0	17	62	7.2
READING WB CITY	W	-	9.1	35	N	22	-	-	- :	-	6	4	2	0	0	0	12	62	5.7
SCRANTON WB AIRPORT	SW	11	8.1	24	₩	9	73	77	47	51	7	2	2	2	0	0	13	57	6.1
WILLIAMSPORT WB AIRPORT	W	14	7.9	23++	NW	27+	79	81	46	50	6	5	0	1	1	0	13	-	6.3

### DAILY PRECIPITATION

Station	Total		T	T	7	T	-					,	_		-	of N		-	-			-	,	-							1	Y 19
	3.11	1	2	-	7 1	4 93	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28 29	30	3
ETONIA LOCK 9 ENTOWN WE AP ENTOWN GAS CO OONA HORSESHOE CURVE NOTSYILLE	1.61 2.01 2.58 1.99			• 2	9	25					*02			· 09		.06 .11	•10 •08	T	.33	• T8 • 02 • 07 • 21	• 20 • 08		+00 +A0	T • 04 • 39	.61	1.54	Ť	Ť		T * T	T ed	04 6
FINBURG 2 N RSTOWN 9 WNW NES R CREEK OAM R GAP	3.72 4.33 2.72 3.77 1.77	Î	a O	3 2 • 0	)1	42					*94 *02			109	•03 •05	.14	.01 .15	•01		•58 •50 •09 •21	.78 1.03 .32		T •18	.54 .31 .04 .09	.02 .36	• 25 • 09 • 30 • 37 • 50		•34 •31 •91 •02	• 40		*	10 4
VER FALLS VERTOWN MTELSVILLE LEFONTE 4 S	3.79 1.81 .9A .97			e 3	9 1	33					*82			• 04	•15	Т	• 25 • 20 • 30 • 24 • 15	•02	T	T •01	•55 •12			.49 .02	•56	•18 •20 •A4 •08		•38	•01		T .	03 4
BICK MEHEM MEHEM LEHIGH UNIV IRSVILLE & ENE	3.01 1.90 1.8A A.55	Т		. 8	11 1						.14			•54 •02 •08		•07 •06 T	•04			1.45 .62	.28		•12 2•35	.38	.40	.21 1.50		T .08		T		
SERVILLE 1 N  SELL 1 SN  DDOCK LOCK 2  FORO FAA AIRPORT  DFORO CNTRL FIRE S	1.33 4.14 2.37 2.89 2.92	Т		• C	9 1.	.58 .54				Т	•09			•08 •05 •36	T	T	•08 •23 •01	•06	.10 T	*15 1*23 *16 T	e05	.16	•13	.15 T .01	.02 .18 .13 .79	•25 •32 •2° 7	•56	.09 .15 .07	T •14		12 .	01
OFORO 4 W RES EZENOOO DEVILLE FAA AIRPORT CETON 1 S FALO MILLS	3.68 3.79 3.88			• 0 • 5	7 4	.84	1 • 95				.01 1.00 .10 .08			• 25 • 26 • 10	• 03	• 22	*	*16 *05	.01	.16 1.00 .01 1.23			.75 .54 .29	.43	.80 1.20 .05	•10 •72 •48		14	• 06			03
SETTSTOWN 2 W IT CABINS 2 NE LER PREINE	3.76 2.16 3.54 2.10			•6 •2 •1	1 1.						.13			•08 •21 T	•35 •05 •28	*10 *56	*04	•03 •20		.41 .68 .26	.43		т	.05	.75	•7± •42 •71 •A3		.37	.03			
FON 1 NW LISUE ROLLTOWN 2 SSE FER CAMP 2 W UR RUN	3.62 1.04 3.24 5.22 2.90	•17		•1		26					•16 •40			T •07	•02 •17 •33 •45	.10 T	•03 •22	Т	•11	1.70 .10 .02 1.64 .80	1.30 .12 .65		T	1.53	.16	•31 •40 •46 1•24	•02	.50 .05	• 03 • 02			08 4
OS FORO BERSBURG 1 ESE BLEROI LOCK 4 BENCE 1 E	1.44 2.53 3.73 .80	• 02		• 2	2 1. T		т			т	•30 •31	т		•02 •02	•16 † •12	.10	*10 *07 *16	•40 •33	* 10 T	.05 .49 .35	.34	Т	T T	•15	• 92 T	•12 •17 •42	T	•03	•03	٠	01 T	2
JSSVILLE JSVILLE 3 W REFIELO RMONT 4 NW JESVILLE 1 SW	2.63 2.90 1.65 3.05 1.23	.18		•7	0 1.	02					•03	т		+05 T	•18 •23	Т	*15 *11 *22	•10	. 25	•01 •14 •24	•39 •42 •25	*11	.09	.20 .25 T	•71	1 • 6 9 • 3 3 • 4 3	T	•17 T	.06		T	01 4
LUENCE 1 SW OAM LUENCE 1 NW EAUTVILLE	3.70 4.63 4.68 3.36			•1 •0	4 .	04 02 01					•19 •43 •51			• 20 • 02 • 05	*05 *15		•48 •67 •07	•29 •25		• 23	•03 •75		1.33	T	•17	•20 •18 •37		.08 .02 2.00	.02			01
IELLSVILLE HOHOCKEN .SBURG OPPOLIS NEVILLE IS	2.58 1.78 3.04 3.14 3.39	. 04		т	4 1 •	03				•01	•05 •18 •01	•02		•01 T •21	. 25	T •03	•33 •17	•10 •11	.05	.02 .16	*02 *81	т	* 90	*19	.49 .02	•11 •23 •31 •1	.58	•11 •75 •28	• 13 • 10			2 1 4
DERSPORT 3 NW DERSPORT 6 E NGTON 2 WSW EKSIOE	2.36 2.79 2.05 2.16	• 02			8 .					*	.30 .24 .05	T T		• 0 5	.18 .05 .14 .04	Ť	.24	т		•56 •53 •79 •05	.03 † .67		•07	T T • 08 • 25	.70	•32 •62 •32 •2		.71 1.05	• 07 T	т .	T	02
TILLE ULT 1 W IN RA	2 • 11 1 • 84 1 • 14 1 • 78 2 • 73			1.3		28					*03 T	.29		T • 05	.24 .67	•06	•12 •08 •04 T	•02 •10	.03	.08 .20 .30 .12	.38 1.12		• O4	•52 •08 •03 •04 •02	.26 T	•56 •43 •13 •11	т		• 05 T • 39	٠	08 .	09 6
ESTOWN OIS 7 E ORE 2 SSW ES MERE 8RADY	1.45 1.83 1.59 1.86 2.35			T = 4	2						.04 .14 .05			• 15	•17 T	•18 •28 T •05 •47	•02 •02 •06	т		.48 .30 .06	•69 •83		•15 •52	.02 .13 T	•13 •08 •35 •40 •18	•53 •39 •20 •37 •06		•13	• 05		Т	65
ISBURG RIUM 1 N ISH CENTER RATA INUNK 2	2.71 3.21 3.53 .63 1.99	T			Ų.	20					.43	•02		T	• 25 • 52 • 20	T T T • 12	*07 *10 *01	т	.01	7 • 08 • 96 • 05 • 17	.95 .46		• 0- • 01	1+11 •03 •28	*13 T	.89 1.08 .47 .35	т	T •47	• 06	Т		09 d 09 d 05 d
W8 AIRPORT PETT 1 SW PELL SHARON P CITY 4 S OAM	2.39 3.40 1.96 2.22 3.30			• 0 T • 4 • 1		62 43				•12	•03		Т	T • 08	.02 .04	*02 *08	•34 •26 •08		T • 02	•02	1.42	1.29	T • 42 T	.39 .03 .55	.02	.46 .02 .20	.48	.18 .91 .10	• 02		11 +	01
TON	2.49 1.11 1.27 3.57			т	١.	22					.30	.02			•93	Т	•03 •12 •20 •03	.04		• 70		.02	۰0٦	• 03	т	•32 •31 •51		.37				05 d
MOORE WILLARO OASH OAM OS8ORO ERFORO	1.40 3.12 1.66 1.31	.18		• 2	4 1.	48						•05		• 04 T	• 05	•03 •01 T	•21 •25 •05 •06 •12		.02	• 02	*12 *41 *13		*11	T T	·13	.85 .85 .48 .82	T	•47	• 03			0 + 2 · · · · · · · · · · · · · · · · · ·
ERFORO 1 E INSBORO LOCK 7 INVILLE IVER RISBURG WB AP R	3.53 2.36 2.46 1.20	•11		•3 •2	3 .	60 18				т	•21 •19			• 05	•11	•02	•14 •87 •03	•21 T	.44	•17	•11 •15 •13		.37	T T	• 09	•78 •90 •04 •92	•01	.01			04 .:	01 39 06
EY ISTERVILLE	1.07 1.64 1.39 .83			• •		28					•19	•25 T		Ť	.06 .39 .08	• 0 8 T • 0 1	•13 •01 •03 •02	1	•13	.18 .01	•17 •45 •51 •11		Т	•03 T T •01	•64 •02 T	•17 •28 •68 •23	Т	•03 •12 •07		Т		03 1
SOALE 4 NW Y BROOK 1 W BOTTOM 2 SE 'INGOON SOALE	1.43 1.57 2.40 2.22 2.69			т		28					.02 .43 .25			•10	.49 .15	· 0 2	•16 •10		.01	• 02 T	•62 •17 1•20		Т	.01 .03 .33	.17	.16 .80 .23		T				01 03
MAN 3 SE STOWN 2 NW SEY SHORE	3.44 2.39 2.71 2.33	•01		•1	7 .	05 30 09					.48 .34			• 04	1.50 .08 T	•01	•15 •25 •15 •02 •07	T •48	. 21 . 60	.10 .57 .03	*02		† .5∃	•57 •15	•01	•40 •30 •13 •54		•02 •05 •69	• 0 L			03
ISTOWN 1 NNE HAUS	3 • 35 2 • 28	. 36	-	-1	1 .	82	-	-	-	-	•04	Ţ		•05 •01 -	-30	• 25 T	•08	-05	-	•18 •06	-		•21	.10	1.10	•35 •56	_	·72	<u>:</u> 14			
G TANNING LOCK 7 SGEVILLE 3 W	3.59 3.25 2.82			•5	0	28					•04			•13		1:19 T	•52 •04	•09	1.22	•11	1:42			• 07	•59 1•43	•40		• 07				

PERNSTLVANIA

Continued																														SYLVA ULY 1	
Station	Total	1	2 3	4	5	6	7	8	9	10	11	12	Day 13	of M	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LAKE MINISINK LAKEVILLE 1 NNE LANCASTER ZNE PUMP STA LANOISVILLE 2 NW LAWRENCEVILLE 2 S	3.86 1.90 .46 .51 1.82			.03				• 1	.17	•47		•02 T	.60 .35 .03	T •12	•09 T T •08	.02	.02 .11	.41 .02 T	.48 .03	20	T .10	.05 .05 T	_	1.67 .31 .22 .22	20		T • 02	20	T	T .02 .04 .13	•23 † •02 •15
LEBANON 3 W LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN	1.19 2.13 2.57 3.64	.13		•02					• 20			• 33	•47	T T T	•14 •08 T		T T	•05 •20 •76 •10	.05 .50 1.20 .06		.01 .19	.05 .60	.02	. 86		.01	T •06			•03 T •10	•11 • •05 • •07 •
LOCK HAVEN LONG PONO 2 W LYNCH MADERA MAHAFFEY	1.11 2.96 2.39 2.83 3.11	.02		.05 .10					•03 •02 •04 •05			•02	*23 *15 *10 *42 1•11	Т	*07 *10 *15 *46 *40	т		• 02 • 10 • 25 • 02 • 04	•32 1•54		.19	.27 .20 .52 .86	.28	•15 •22 •38 •35	т	•11 •91	T . 20 . 02 T		т	• 22 T	.26 . .35 . .89 .
MAPLE GLEN MAPLETON DEPOT MARCUS HOOK MARION CENTER 2 SE MARTINSBURG FAA AP	1.36 2.66 1.46 2.12 1.20		•01						•04	Т		T +16	1.13 .25 .01	•10 •12	•14 •07 •49	.01	T • 15 T	•07 •38 •08 •23	•57 •04		T • 06 • 03	T •06 •07 •33 •04	T •08 •25 •45 •41	•49 •74 •23		T •01			•32 T	.14 .18	.02 . .24 .
MATAMORAS MC CONNELLSBURG MC KEESPORT MEAOVILLE 1 S MEOIX RUN	1.71 2.16 2.80 3.01 2.34		T •21 •05					т	•03 •02 •14	т	• 0	3 T • 03	.87 .13 T	.04	.04 .15 .04 .14		•11	. 68	*24		.70 .14	T • 69 • 01	•33 •15	•51 •57 1•12 •13 •79	т	•05 •11 •93 •02	•03 •13		T •02	.02 .11	• • • • • • • • • • • • • • • • • • • •
MERCER 2 NNE MERCERSBURG MEYERSOALE MILANVILLE MILLHEIM	3.67 2.37 3.47 1.34 .81		• 03 T	.35 .39 1.62	Т				• 35 • 36 • 05	т		т	•19 •24 •15 •22		•27 •02 •34	•05 •15	*19 T	•93 •33	•16 T •26 •26		. 75 T	•10 •28		•20 •17 •15 •64 •09		1+20 +16 T +28				.45 T T .01	.08 . .05 .
MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND DAM MONTROSE MORGANTOWN	3.55 .63 3.33 2.05 1.17		• 3	T 1.88					T =06 =28 T	.01		• 02	•32 •03 T	•01 •02 •15	• 04 • 32 • 05	т	T	.70 .01 .26	1.42 .25		T .01	• 12 • 01 • 05 • 04 T	.16 T	•95 •18 •30 •17	• 01	•43	-01		т	۰05	•08 •
MT GRETNA 2 SE MYERSTOWN NATRONA LOCK 4 NESHAMINY FALLS NEW CASTLE 1 N	.79 .97 2.70 1.47 3.14	.03	•05	1.30	т			*17 T	•01		Т	•10	•22	•11 •12	• 07	.01 .08		.05 .02 .03 .74			•12	•36 •02 •32	.44 .55 .15 .33	•32 •29	т		T . 0%		•01	*02 T *14	•15
NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI	4.20 1.66 1.77 3.25 2.34	т	1.00 .08 2.00	.04				• 34	.85 .06			•10 •13	•06 T	.15 .02 .12	•26	.30 .23 T	.12 .10 .10	.04	•21 •97			• 26 T	.05 .40 .71	.05 .61 .10 .01		•45				.01	•35 • • • • 05 •
NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW PALM PALMERTON	•59 3•16 •72 •80 3•50		+12	Т					т		Т	• 0 3	•07	.17 .06		e 35 T	T T	.05 .07			1.02	•10	.20 .02 2.38	1.3: .33		•12	. 05		•22	. 33 T	T . T .
PARKER PAUPACK 2 WNW PHIL OREXEL INST OF TEC PHILAOELPHIA W8 AP R PHILAOELPHIA PT 8REEZE	1.56 1.98 2.05 2.30 1.97		•09	*19			т		• 23 T T			T T	•25	•08	•33 •04	T T	T T	T 1.14 .58 1.11			+18 T	•06 •49 •18	.46 .57	•1* •68	•01 T	•17 •16			*26 *29 *23	.04 T .27	•37 • •11 • •01 •
PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R	.72 1.23 3.36 2.44 3.13	т	*03 1.72 T 2.11					•14 T	.02			•12 •07 •11	т	.30 .16 T .03	+11	T T	.01 .03	•20 •12	2.21		*01	•21 •03 T	.14 .29 .49 .11	• 30	•32	T			T +04 T T	* 06 T	.09 . T . T .
PLEASANT MOUNT 1 W PORT CLINTON PUTNETVILLE 2 SE OAM QUAKERTOWN 1 E RAYMONO	1.86 2.71 3.27 1.71 1.94	.02	• 0 5	•12				•22	•13 •19 •26	•01		•02	•35 •05 T	T T	•20 •37 •17	.02	.08 T	•10 •05 •22 T	•50		.01 T	*18 *51	.05 .02 .13	1.61 .82		•03 •04 T •53	.08			•05 •02 •04	.10 . .52 . .06 .
READING WB CITY R REMOVO REW RICES LANDING L 6 RIOGWAY	.52 .95 2.31 3.72 2.41	.06		.97 T					T .03 T .05	т		T T • 07	•06 •08	•25 •10 T	• 35 • 12	T •06		.01 T .04 1.95			•01 •18	•06 •17 •05	*15	•57 •38 •11 •32		T 1.05	1 • 13 • 27		·01	.02 .12 .16 T	.03 . .12 . .14 ., .05 .
RUSHVILLE RUSSELL SAGAMORE 1 S SALINA 3 W SAXTON	1.30 3.42 2.71 3.48 2.34		T 1•9; T	.80 .04					.03 .40	т		• 02 • 08 • 0	•38 •14 •10 •22 •33	*02 *15 *05		.02	т	.06 .02 .15 .03	•23		• 50 • 27	•11 •12 •44 •09	.23 T .60 .31	• 34 • 78 • 28		1.15 .08 .13 .01	.04 .10	Т		.04 .10	•38 •
SCHENLEY LOCK 5 SCRANTON SCRANTON W8 AIRPORT SHAMOKIN SHIPPENSBURG	2.92 2.15 1.48 2.06 2.04		. 24					т	Т	•65	T	•08 •24 T •03	•01	001 003		*09 *15	.18	•10 •03 •50 •01 •20			T T	.42 .11 .02	.77 .01 .58 T	.62		+11 T T			т	* 0 1 T	•11
SINNEMAHONING SIZERVILLE SLIPPERY ROCK SOMERSET FAIRVIEW ST SOUTH MOUNTAIN	1.99 3.89 1.97 4.88 2.53	T	•11 •05 •25	•35 1•93					.08 .65 .07			T T T	.03 .69 .53	T	•12 •13 •10 •50 •08	.08	T •16 T •40	. 62	T ≈21		.04 .05 .16	•06 •16	.01 T .42	.87		**************************************	•02		T	•12 •12	.78 .
SPRING GROVE STATE COLLEGE STOYSTOWN STRAUSSTOWN STROUOSBURG	2.68 .77 2.75 1.72 2.41		•0:	.28 .01 3 1.07					.02 .01			• 01 • 05	1 • 23 • 05 • 46	T T	.03 .33 .33 .26	.03	* 31 T	•12 •01 •22 •07 •90	T .04		. 21	•03 •09 •06 •60	.70 .50		т	T •10	т			.04	.08 : .28 . .02 . .10 .
STUMP CREEK SUNBURY SUSOUEHANNA TAMAOUA TAMAOUA 4 N OAM	3.02 1.34 1.71 1.92 2.59			•04					• 30 • 07 • 07	•12			1.31 .13 .26 T	* 01 T	•09 •10 •09		.03 .18	•10 •35	•82 •38 •16		. 13 T	.37 T .23 .68	.02 .06 .01	•20 •35 •53 •40	т	•03 •04 •12					T • • • • • • • • • • • • • • • • • • •
TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TOBYHANNA TORPEOO 4 W TOWANOA 1 ESE	3.31 3.87 4.02 4.71 1.68	T	T •03 T	•01 T					•13 •01	T		•02 •28 •04	•04	*10 *16	• 04:	T	•21	1 · 35 · 29 · 53	•03		• 28 • 64 • 56 T	.01	.10 .11 1.13	•08 •23 •72 •22	*01 T	.83 .95 .06 1.43	• 22	т	•41 •04	.59 .03 T	.70 . .76 . 1.10 . T
TOWER CITY 1 S TROY TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN	1.47 2.42 1.64 3.16 3.50	T .05	1.28						*04 *09 *25 *45	т		.10	•23 •01 •57	•01 •02 •29	•39 T •04			.02 1.14 .02	•82		1.02	•40 •06 •18 •01	.06 .02 .01	.20 .25 .29	.01	.99	•02 T •46		•02	.01 .03	.04 o'
VANOERGRIFT VIRGINVILLE WARREN WATSONTOWN WAYNESBURG 1 E	3.36 2.68 4.09 2.96 1.98		• 08	.04 T					*05 T		т	•10 •05	1.01 -03	.03	• 30	т		.05 .02 .39 1.33 .15	.03 T		• 36 • 07 • 02	• 06	.33 T	1.55		.14 1.47 T	. 21		+24 T	.04 T	* * * * * * * * * * * * * * * * * * *
WELLSBORD 3 S WEST CHESTER WEST GROVE 1 SE	2 • 41 2 • 04 • 86								•10 •01 •13	Т			•31		•03 •19		. 06	.85 .02 .11	.68 .78 .12		*01 T	•03 •17 •05	Т	•37 •42 •12	Т	* 0 2 T	. 01			7 •36 •27	•09 • T •

### DAILY PRECIPITATION

Continued																															TULY 1		
0	Tel													Day	of M	lonth																	
Station	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST NICKORY WHITESBURG GILLES BARRE WILLIAMSBURG WILLIAM	2 + 36 2 + 40 3 + 94 3 + 42 2 + 54 3 + 40 2 + 30			+01 +14	.63				.02	*23 T			1 .04	+23	.03 T T	•67 •06 •15	T .01		1.45	1.76			•03 •32 T	.46 .81 .94	.28 1.12 .43 .02		.70 .07	•10		T .03	*25	•10 •11 •04	
YORE HAVEN LION GROVE LIONSVILLE 3 SE	1.06			***	•13								·	.02		.04 .07 .18	•••		• 02	•10 •13 •17			.43	Ť	.67 .24 .17				Ť	****	.01,	425	

### MONTHLY AND SEASONAL SNOWFALL

Season of 1961 - 1962

PENNSYLVANIA

					Season or	1961 - 19	962						PEN	NSYLV
Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	
ACMETONIA LOCK 3 ALLENTOWN W8 AP ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE					T 2.9 2.0 1.9 3.5	2.5 13.3 12.9 14.8 12.5	2.0 .9 1.7 4.8 1.8	6.5 14.7 14.0 15.0 13.5	11.0 4.6 4.3 31.0 14.8	T T 5.5 T			22.0 36.4 34.9 73.0 46.1	
AUSTINBURG Z W.; BAKERSTOWN 3 WNW BARNES BEAR CREEK DAM BEAR GAP				Ť	4.3 3.5 10.0 6.0 4.0	3.0 4.6 12.0 14.0 22.0	6.5 10.8 9.4 1.0 2.0	13.5 7.2 18.5 .18.0 14.5	10.5 14.1 7.0 4.0 10.0	5.0 1.3 6.0 3.0	Т		42.8 41.5 62.9 46.0 52.5	
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BERNE					3.0 3.5 2.0 2.5	5.5 9.0 12.0	5.0 3.0 1.0 2.0 1.0	6.4 8.5 16.4 + 13.0	14.0 - 7.0 - 7.0	6.3 - T			37.7 - 39.9 - 36.0	
BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N				ī	2.0 2.0 .8 6.0 2.5	14.7 10.0 10.7 16.9 8.8	1.0 T .4 9.9 4.0	11.3 - 11.5 17.2 14.4	4 • 2 - 2 • 0 26 • 2 17 • 0	2 • 0 T 4 • 1 T			35.2 - 25.4 80.3 46.7	
BOSWELL 1 SW BRADDOCK LOCK 2 BRADFORD FAA AIRPORT BRADFORD CNTRL FIRE STA BRADFORD 4 W RES				T	2.0 .1 6.7 13.0 11.2	15.5 3.4 7.5 -	7.2 4.0 - 6.0 10.0	21.2 7.0 20.6 19.5 21.8	25.4 9.0 4.3 3.2 6.1	3.6 6.5 6.0 4.5	Т		74.9 23.5 - 68.3	
BREEZEWOOD BROOKVILLE FAA AIRPORT BRUCETON 1 S BUFFALO MILLS BURGETTSTOWN 2 W					- 2.5 T .5 T	8.5 1.0 9.0	5.0	12.7	14.0 13.7 - 16.8	T 2•3 T 2•0 1•3			45.0	
BURNT CABINS 2 NE BUTLER CAMP HILL CAMP KLINE CANTON 1 NW				-	- 4.0 .5 3.2	9.1 - 17.1 7.0 5.4	- - 5.0 7.3	12.8 - - 16.0 14.7	20.8 - - 14.0 7.7	T -	-	-	- - 42.5 43.9	
CARLISLE CARROLLTOWN 2 SSE CARTER CAMP 2 W CEOAR RUN CHAODS FORO				ī	2.5 4.0 1.0 1.0	11.0 13.2 - 3.0	2.5 8.0 8.0 7.0	14.0 18.5 18.0 12.0	10.0 22.0 26.0 10.0	T 8•2 8•0 T			40.0 73.9 - 33.0	
CHAMBERSBURG 1 ESE CHARLEROI LOCK 4 CLARENCE 1 E CLARION 3 SW CLAUSSVILLE					4.0 .2 - 3.0 3.0	11.6 2.3 - 7.3	1.3 2.8 4.0 5.0	13 • 4 11 • 5 - 19 • 4	22.8 8.7 - 13.0	7 •7 - 1•8 T			53.1 26.2 - 49.5	
CLAYSVILLE 3 W CLEARFIELO CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW DAM					.5 .5 15.0 2.5 2.5	2.0 - 14.5 4.8 7.0	3.4 - 13.0 .6 12.0	8.0 - 22.0 12.7 17.5	13.5 - 12.5 6.5 25.5	T T 11.0			27.4 - 88.0 27.1 68.0	
CONFLUENCE 1 NW CONNEAUTVILLE CONNEAUTVILLE 6 E CONNELLSVILLE CONSHOHOCKEN					2.0 1.0 3.0 -	6.8 - 19.5 3.0 6.3	5.7 - 4.5 1.8	14.9 - - 8.2 10.8	24.0 5.0 8.2 21.0 5.5	3.0			56.4	
COOKSBURG CORAOPOLIS NEVILLE IS CORRY COUDERSPORT 3 NW COUDERSPORT 6 E			_	т	6.5 - 19.5 8.6	36.3 9.3	8.5 - 14.5 9.6	11.0 - 25.9 17.8 16.1	13.0 10.4 13.4	2.0 13.8 -	_		120.4	
COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE OANVILLE DEVAULT 1 W				т	4.0 1.0 1.0 - 4.8	4.0 4.0 - - 9.0	5.0 3.0 5.0 -	9.0 7.0 12.0 6.1 16.0	5.0 9.0 22.0 - 12.5	5.5 T 8.0			32.5 24.0 - - 42.8	
OIXON OONEGAL OONORA OOYLESTOWN DU 8015 7 E		:		т	4.0 - .1 3.0 5.0	21.0 - 4.5 8.5 9.0	3.5 - 5.8 - 7.0	20.0 - 9.8 12.2 12.0	3.5 - 14.3 7.8 11.0	T - T 3 • 5			52.0 - 34.5 - 47.5	
OUSHORE 2 SSW EAGLES MERE EAST BRAOY EBENSBURG EDINBORO				Т	8.5 7.5 - 3.5 3.0	13.0 19.1 - 15.0 23.4	5.0 - 6.1 10.4	17.5 - 19.0	11.5 - 27.0	5.2 3.0 T 8.0	_	-	78.6	
EMPORIUM 1 N ENGLISH CENTER EPHRATA EOUINUNK 2 ERIE W8 AIRPORT				ī	2.5 - 3.0 -	4.3 - 5.5 - 11.9	9.5 6.0 T - 9.5	16.3 - 9.5 - 14.5	25.5 - - - 4.5	2.0 T T -			60.1	
EVERETT 1 SW FARRELL SHARON FORD CITY 4 S OAM FRANKLIN FREELANO					1.0 - 1.0 2.0 4.7	10.0 - 5.5 5.0 11.3	2.5 - 4.0 6.5 1.3	15.7 - 9.5 16.2 18.7	20.0 - 15.0 13.8 6.6	1.0 2.9	т		49.2 - 36.0 46.4	
GALETON GEIGERTOWN GEORGE SCHOOL GETTYSBURG GLEN HAZEL 2 NE DAM					4.3 2.5 2.8 3.0 7.8	3.7 8.8 8.6 9.5	8.5 - .5 1.5 9.5	21.7 14.5 13.3 14.6 22.5	15 • 2 7 • 5 7 • 8 12 • 5 17 • 5	4.5 T T T 4.5			57.9 - 33.0 41.1 72.3	
GLENMOORE GLENWILLARO OASH OAM GOULOSBORO GRATERFORD GRATERFORD 1 E					4.0 .4 3.3 .2	7.5 4.7 11.0	1.0 2.0 3.0	17.0 5.5 19.0 -	9 • 0 8 • 0 9 • 0 -	T 7∙0			38.5 20.6 52.3	
GREENSBORO LOCK 7 GREENVILLE HANOVER				Sac Baf-	•1 4•5 2•5	4.3 13.0 10.5	3 • 3 5 • 9 1 • 5	10.9 17.3 13.5	17.7 19.1 20.0	T 4•2			36.3 64.0 48.0	
				See Refer	ence Notes i	following Stot 114 -	non index							

### MONTHLY AND SEASONAL SNOWFALL

NTINUED	· · · · · · · · · · · · · · · · · · ·		JNTH.			1961 - 19						r	PENNSYLI
Station	July	Augusi	September	October	November	December	January	February	March	April	May	June	Total
ARRISBURG WB AP ARRISBURG NORTH AWLEY DLLISTERVILLE DLTWOOO				T	3.7 2.6 3.8 2.8 4.0	18.8 14.1 14.0 13.2 6.1	2.3 1.9 3.2 2.9	15.9 11.6 15.8 13.6	10.9 5.0 4.0 4.7 6.5	T T • 4 1• 8 T	T T		51.6 35.2 41.2 39.0
ONESOALE 4 NW ONEY BROOK 1 W OP BOTTOM 2 SE UNTINGOON ONTSOALE					2.0 2.0 3.0	11.0 - - 15.1	2 • 1 2 • 6 - 2 • 5 1 • 3	15.0 - 10.0 11.7	9.0 - 12.5 20.2	1.0 T T	Т		39.6
NOMAN OIANA 3 SE MESTOWN 2 NW RSEY SHORE					7 2 • 3 2 • 8	7.2 16.3	5 · 3 5 · 2 5 · 3 6 · 9	10.8 14.0 17.3	14.8 9.5 15.0 16.6	T 2•7 2•0 Y			43.1
INSTOWN  IE 1 NNE ITHAUS G TANNING LOCK 7					3.4 11.7 - T	9.8 12.4 - 6.8 3.4	8 • 0 3 • 0 4 • 3 2 • 4	18.5 - 16.1 6.4	9.0 - 18.3 7.7	9 • 3 2 • 0		-	68.9 - 45.5 19.9
SGEVILLE 3 W E MINISINK EVILLE 1 NNE ICASTER 2NE PUMP STA OISVILLE 2 NW				T T	1.0 3.5 3.5 3.1	11.0 15.5 8.5	4.0 3.5 1.0 1.7	20 · 0 21 · 0 12 · 3 12 · 4	6.0 7.0 3.5 4.1	2.0 2.0 T	T T		44.0 52.5 28.8
RENCEVILLE 2 S  ANON 3 W  HIGHTON  ROY  HIS RUN 3 SE		1		ī	2.0 - 2.5 7.0	2.0 12.0 - 15.0	3.0 2.0 - 3.0 9.4 3.0	13.3 11.5 - - 24.1 10.0	8.0	T - T 11.8			26.3 36.0 - 73.9
/ISTOWN  IK HAVEN IG PONO 2 W  ICH  BERA  IAFFEY				T	1.5 8.0 12.0 3.0 2.3	6.5 13.3 16.5 9.3 8.8	5.0 2.3 7.5 5.4 3.2	13.5 21.1 21.0 13.9 12.4	9.5 10.0 -	3 • 5 • 6 • 0 3 • 2 T			57.7 73.0 42.8
PLE GLEN PLETON OEPOT RCUS HOOK RTISTER 2 SE RTINSBURG FAA AP				Ť	7.0 3.6 1.5 6.2	9.9 6.8 3.6 13.3	.6 2.0 1.3 7.6	13.7 11.8 9.9 14.9	8.0 11.5 7.4 18.7	T 5 • 3 • 7			39.2 35.7 23.7 66.0
AMORAS CONNELLSBURG KEESPORT OVILLE 1 S 11X RUN				Ť	3.5 3.0 T 8.7 3.1	14.7 8.1 - 22.4 6.4	1.6 1.3 2.0 9.5 4.4	16 • 4 16 • 4 - 24 • 4 12 • 1	2.5 17.7 7.0 9.9 16.3	T 12.0 2.3			38.7 46.5 - 86.9 44.6
CCER 2 NNE CCERSBURG CERSOALE ANVILLE LHEIM					T 4.0 - 2.4 .5	7.0 12.0 11.3 12.2 13.5	3.0 1.6 11.0 4.3 5.0	14.9 14.5 13.0 21.1 18.0	9.2 13.0 - 1.5 17.0	T 6.0 T 3.0	Т		34.1 45.1 - 41.5 57.0
LVILLE 2 SW ROY ITGOMERY LOCK AND DAM ITROSE IGANTOWN	-	-	-	Ť	2.0 3.0 - 7.5 3.0	19.5 9.8 - 16.2 12.1	2.0 4.3 3.7 7.0	12.0 11.4 8.3 23.6 13.0	6.5 7.5 12.0 6.3 4.0	2.0 1.2 2.5 9.9 T	1.0	-	44.0 37.2 - - 33.1
GRETNA 2 SE RSTOWN RONA LOCK 4 SHAMINY FALLS V CASTLE 1 N					T 1.5 2.6	- - 5.5 8.0 4.7	1.3 1.0 .6 4.4	- 10.0 11.0 10.1 5.6	6.0 11.5 7.5 16.3	T T			- 29.0 27.7 33.6
VELL V PARK PPORT V STANTON V TRIPOLI			-		3.0 2.5 T	4.0 6.0 - 10.5	- 1.3 2.5 - 1.5	9.5 9.5 9.5 —	13.5 12.0 - - 5.0	T •5			31.8 - - 32.0
RRISTOWN RTH EAST 2 SE WELL 2 NW M MERTON				т	2.0 - 1.5 2.5	10.2		- - - - 16 • 4	- - - - 3.7	T T	Ť		34.1
RKER JPACK 2 WNW IL OREXEL INST OF TEC ILAOELPHIA WB AP ILAOELPHIA PT BREEZE				Т	3.6 3.7 3.2 T	6.0 14.0 4.7 5.2 4.4	4.0 1.9 .8 1.1	12.1 18.8 9.1 12.5 9.4	16.0 6.7 - 7.2 4.2	2 • 0 • 6 T T			45.6 - 29.2 18.4
ILIPSBURG FAA AP DENIXVILLE 1 E KES CREEK HE GROVE 1 NE ITSBURGH WB AP 2				т	- 4.0 - - 2.2	6.0 - - 5.6	- 4.0 - 4.0	10.0	- - - - 19•1	2.0 - 3.6	-	-	43.1
TTSBURGH WB CITY EASANT MOUNT 1 W LT CLINTON TTSVILLE INEYVILLE 2 SE OAM				Т	2.8 5.0 3.0 - 2.5	5.5 18.0 8.0 - 8.5	3.8 6.0 1.5 1.0 7.2	8.8 24.5 15.0 13.3	11.4 7.3 6.0 - 16.0	.1 7.1 T T 3.5	• 4		32.4 68.3 33.5
KERTOWN 1 E MONO OING WB CITY IOVO				т	3.0 5.0 1.5 .5	10.0 - 9.9 3.0 11.3	•5 - •9 5•0 8•9	15.3	6.5 14.0 5.7 14.5 9.5	T 16.5			35.3 - 31.5 - -
ES LANOING L 6 DGWAY HVILLE SSELL GAMORE 1 S				т	T 6.5 1.0	4.0 8.2 7.3 13.0 7.5	5 • 1 9 • 1 2 • 0 6 • 0 2 • 9	9.0 13.8 20.0 16.5 10.3	18.0 17.2 - 1.5 15.5	3.2			36.1 58.0 - - 39.2
LINA 3 W KTON HENLEY LOCK 5					T - T	5.5	3.0 2.5 2.5	11.1 13.0 7.0	14.0 23.0 10.0	Т			33.6

### MONTHLY AND SEASONAL SNOWFALL

CONTINUEO						1961 - 19	-	)110 III					PEI	INSYLVANI/
Station	July	Åugust	September	October	November	December	January	February	March	April	May	June	Total	
SCRANTON SCRANTON WB AIRPORT SHAMOKIN SHIPPENSBURG SINNEMAHONING				· • • • • • • • • • • • • • • • • • • •	1.8 2.4 .5 3.0	8.0 12.8 - 14.0 3.7	2.0 2.7 1.5 1.0 4.0	11.2 11.3 18.0 14.5	1.5 2.8 - 23.5 13.0	.3 3.0 T T	Т		34.9	
SIZERVILLE SLIPPERY ROCK SOMERSET FAIRVIEW ST SOUTH MOUNTAIN SPRING GROVE					1.0 4.0 4.4 3.0	5.0 16.5 15.5	7.0 5.7 11.0 2.2 1.7	10.6 25.3 11.5 13.5	17.0 33.0 22.5 12.0	T 4.0 11.0			43.3 100.8 56.1	
STATE COLLEGE STOYSTOWN STRAUSSTOWN STROUOSBURG STUMP CREEK				T T	2.5 3.0 2.0 4.0 3.5	10.0 10.5 9.2 11.0 6.5	3.9 - 2.2 1.4 4.5	11.5 - 15.0 19.1 8.5	20.4 - 5.8 3.0 9.0	3.9 T T 2.0 1.0	т		52.2 - 34.2 40.5 33.0	
SUNBURY SUSOUEHANNA TAMAOUA TAMAOUA 4 N DAM TAMARACK 2 S FIRE TWR				-	1.5 4.1 3.5 3.0	13.0 14.8 13.0 10.0	2.3 3.5 1.5 2.0	9.2 21.0 13.5 -	8.5 2.0 4.0 -	T 1.5 T	T -	-	34.5 45.4 37.0	
TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TOBYHANNA TORPEOO 4 W TOWANOA 1 ESE	-	-	-	-	6.5 7.0 - 13.6 3.3	14.5 20.2 13.5 15.3 13.5	6.0 12.0 1.0 5.2 2.2	17.0 16.8 16.8 11.3 14.4	10.0 5.5 9.3 3.9 1.2	7.5 5.5 2.6 10.5 1.0	т	-	- 67.0 - 59.8 35.6	
TOWER CITY 1 S TROY TURTLEPOINT 4 NE TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT	-	-	-	-	3.0 2.0 T 5.0	9.0 3.0 - 8.5 21.3	1.3 - 5.0 3.0 7.5	11.5 28.0 11.5 15.7	6.0 - - 16.0 2.9	4.0 5.0 1.0 9.6		-	- - 40.0 62.0	
UNIONTOWN VANOERGRIFT VIRGINVILLE WARREN WARSONTOWN					7.6 2.0	8.0 - 16.5 17.5	3.5 - T 7.6 4.9	7.5 6.8 15.0 17.8 18.2	19.7 16.3 1.5 5.9	2 • 0 T 8 • 4 1 • 0			41.1 - 59.4 49.5	
WAYNESBURG 2 W WAYNESBURG 1 E WELLSBORG 3 S WEST CHESTER WEST GROVE 1 SE	-	-	-	-	5.5 5.0	9.0 - 2.5 - 7.0	6.3 - 7.5 1.5 1.9	11.5 - 12.5 16.0 14.0	13.4 - 9.0 7.4 16.0	T  7•0 T T	т	-	- 44•0 -	
WEST HICKORY WHITESBURG WILKES BARRE WILLIAMSBURG WILLIAMSPORT WB AP					3.0 1.0 1.5 2.5	15.0 8.0 14.7 15.8 11.3	9.0 4.5 1.0 12.0 6.1	5.0 8.3 14.8 19.7	8.0 17.0 .3 19.3 9.5	5 • 0 3 • 0 T T	Т		40.5 25.3 63.4 49.6	
WOLFSBURG YORK 3 SSW PUMP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE					.5 3.5 3.0 1.5 1.8	7.5 12.1 12.0 - 12.6	3.0 1.3 1.1 .5	15.3 15.8 12.1 —	21.5 13.1 6.0 - 5.8	+3 T T 1+5			48.1 45.8 34.2 	

See Reference Notes Following Station Index - 116 -

PENNSYLVANI.

												-					Day	01 M	lonth														000	9 55 4
Statioz	1		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
ALLENTOWN W8 AP		MAX	88	85 54		83 52		84 57	93	94				80	90		86 58	80 59	76 64	69 59	86 57	87 58	87 65	84 63	80	79	79 55	82 58	78 52	83 52	82 61	79 66	86 66	83.5
ALLENTOWN GAS CO		MAX	88	88 55		82	85 54	85 55	85 60	96 67		63		90 64	81 62		80 58	87 58	81 63	78 61	71 56	86 57	89 63	89 61	85 63	84 59	84	82 57	82 52	78 51	85 58	83	#1 65	84.9
ALTOONA HORSESMOE		MAX	81 62	80 46		77 57	8 2 5 1	86 51	90	90		80		81 63	82 58		80 59	79 58	80 56	83 62	83 53	86 57	85 61	81	75 59	76 58	80	73 61	71 48	81	76 56	81 55	85	80.7
ARENDTSVILLE		MAX	85 62	86 60	85 60	67	81 56	85 55	89 58	92	97 70	89	86 58		69		71	85 65	68	75 63	78 57	84	89 63	87 63	86 65	87	81	79 63	79 51	77	84	81	84	83.3
AUSTINBURG 2 W		MAX MIN	89 59	77 39	81 47	82	8 2 4 2	83 42	85	90 52	90		77	84 55	78 55	79 57	71 52	80	83	78 59	75 51	80	82	80	78 54	75 52	75	80	65	71	76	71	82	79.1
BAKERSTOWN 3 WNW		XAM	91 62	8 2 5 8	82	74	81	85 56	90	92	89	77	87 51	84	82	82	72	78	83	82	82	84	87	87	81	73	80	79 57	73	79	79	88	88	82.4
SEAR CREEK OAM		XAN	85 57	81	81	77	80	81	82	88	91	82	81	84	74	82	71 55	81	79 59	74	66	80	82	80	78 55	75 56	74	75 56	73	70	78	71	79	78.5
BELLEFONTE 4 S		XAN	84 54	87	81	69	84	83	87	91 56	93	77	84	87	82	83	76 55	83	82	74	87	86	89	87	85	80	81	82	74	74	84	81	83	82.6
BERWICK		4AX	86 58	85	85	85	87	87	92	96 59	95	86	88	88 65	87	85	85	86	84	77	85	88 58	85	85	83	80	83	80	75 48	84	83	5 3 8 5	86	85.4
BETMLEMEM LEMIGM L	NIV M	1AX	86	89	81	81 56	83	82	91	94	89 76	88	88	80	86	82	83	79	74	67	85	89	88	84	8.2	74	78	82	78	84	80	86	85	83.2
BLAIRSVILLE 6 ENE	м	AAX AIN	76 64	81	69	74	79 58	84	87	88	77	75	82	77	79	70	78	76	82	80	82	84	81	77	73	72	76	58	69	76	70	84	62 84	77.7
BLOSERVILLE 1 N	м	AX LIN	87	85 57	87	69	81	85	87	91	94	85	85	89	87	84	71	84	75	73	72	86	86	87	59 85	55 85	80	55 82	79	77	82	61	83	82.7
BRAOFORO FAA AIRPO	RT M	XAX	74 48	76 45	75 56	78	80	61 82 45	85	61 84 53	70 49	73 44	80	76	73	62	75	78	58 76	76	77	78	76	77	70	72	57	59	50 65	73	72	61	76	75.1
BRAOFORO 4 W RES	м	IAX	79 57	76 38	76 49	80	80	84	87	86	85	75	81	80	75	71	76	78	79	76	79	79	56 76	56 78	57 75	72	78	47 76	74	75	73	59 80	76	77.9
BROOKVILLE FAA AIR	PORT M	IAX	81 53	78 44	68 57	81 55	40 83 47	87	88	89	72	78	84	57 78	79	63	76	80	56 80	79	83	84	56 83	81	52 76	74	78	52	40	40	51	55	54	79.3
BURGETTSTOWN 2 W	м	IAX	90	80	82	66	72	84	87	89	88	74	79	86	83	58	74	78	80	85	80	55 83	59 85	59	59 80	53	48 75	82	67	73	80	80	85	80.5
BURNT CABINS 2 NE	м	AX	86	51 85	90	78	84	51 85	89	93	93	82	87	56 88	85	58 84	61 82	62 83	57 78	62 78	82	53	57 85	62 85	57	89	79	55 77	74	80	47 80	59	54 88	54.7 83.8
BUTLER	м	AX	59 91	45	83	59	52 80	52 85	59 89	62	71 90	73	80	87	85	84	58	80	58	82	82	55 85	65	61	6 2 8 5	59 80	72	62 82	58 67	76	60	80	86	58.2
CANTON 1 NW	м		84	74	78	78	82	80	82	52 89	90	77	51 79	62 85	56 75	80	66	59	82	78	78	51 75	80	80	60 79	70	52 72	59 77	70	70	75	58 73	58 79	78.0
CARLISLE	M.	AX	87	85	82	50 82	50 87	50 88	91	58 98	92	90	52 93	58 90	89	55 80	54 86	50	55 74	78	55 89	90	90	55 88	57 87	50	50	55 82	45 80	50 85	51 83	57 84	60 91	53.6
CMAMBERSBURG 1 ESE	M.	AX	86	83	61	80	58	58	93	68 94	73 85	58 85	90	88	63 86	63	59 86	64	59 80	79	57 86	61 87	86	62 86	65 85	60	58 78	64 76	50 77	50	60 76	63	68	60.7
CLAYSVILLE 3 W	м.	AX	85	82	58 78	78	54 85	53 89	90	90	84	81	52 87	63 85	86	61 78	81	59 81	59 85	82	55 85	5 7 8 6	65 83	62 80	59 82	77	57	60 78	49 75	81	56 81	61 88	63	58.0
CLERMONT 4 NW	M.	AX	59 78	52 76	74	59 88	80	51 84	56 88	92	86	74	45 78	61 80	76	63	74	61 79	56 82	62 80	48	53 77	63	57 70	57 74	76	56 79	57	42 68	70	55 74	57 78	54 80	55.4
COATESVILLE 1 SW	M.		86	36 87	84	80	38 85	85	50 84	55 92	90	89	50 86	88	48 83	50 88	58 77	59 87	60 72	71	70	60 86	58 91	90	50 88	50 88	81	55 77	42 83	38	52 85	56 82	55 90	50.3
CONFLUENCE 1 SW OAK	4 м.	AX	59 88	81	59 80	48 64	55 71	56 83	61 87	90	72 89	59 77	55 78	58 85	67 80	59 83	61 72	63 78	65 73	83	59	59 80	62	65	62 80	61	55 75	62 75	49	49	56 82	62	66	59.7 79.3
CONNEAUTVILLE	M	AX	53 87	80	82	57 <b>7</b> 9	53 87	52 86	54 91	61 91	63 94	68	49 79	50 89	59 83	51 81	61 75	59 77	56 84	58	54	54 81	56 87	59 82	59 80	60 79	55 79	56 86	47 66	46	48 81	55 82	58 83	54.6
CORRY			55 77	78	78	53 83	58 83	51 86	54 89	54 88	59 70	77	51 84	62 81	50 78	57 74	51 79	57 81	53 81	52 77	48	52 83	80	54 79	57 71	56 75	54	55	70	47	55	62	56	53.6
COUDERSPORT 3 NW		AX	59 74	43 79	75	51 81	49 81	51 85	55 88	53 87	56 75	38 77	50	63 75	47 77	57	53 78	55 81	59 75	54 75	48	51	63 78	57	57	73	53	53	43	45	55	60	53	53.0
OEVAULT 1 W	M/		55 86	35 82	79	84	36 84	38	90	45 94	56 88	38 85	40 89	53 85	45 88	50 78	50	72	55 72	52 72	42 85	45 89	60	53	52	48	40	51	38 77	36	47	53	5∠ 87	46.5
DIXON	M I	AX		54 84	86	53 87	51 87	52 89	60 89	68 93	67 99	57 83	59 86	68	65 78	61 86	58 71	60 86	59 88	55 83	58 71	60 85	67	62	59	58	58 78	82	53 78	55	55	62 73		58.9
OONORA	M.			42 85	82	47 77	85	87	47 90	51 90	53 88	43 81	46 88	47 86	58	58	55	50	51	62	56	53	54	59	58	58 76	46	46	46	81	44	57	57	50.7
0U B015 7 E	M I		68 81	58 77	75	60 78	56 80	57 83	64 88	66 88	67 87	53 75	55 83	65	67 78	63	77	61	60 78	61 78	56	60	67	62	64	61 72	61	58	50	50	60	63	62	60.7
EAGLES MERE	M I			43 74	55 75	56 75	78	47	53 78	56	64 87	76	47 76	61	53 73	57	58	57	57	61	48	53	63	54	59	55	51		43	42	55	58 72	56	53.7
EAST BRADY	M I			52 85	56 82	53 84	56 86	90	57 90	65 93	67 83	49 85	51	57	57		54	55 85	57	59	54 85	56	62			5 2 78	52	55 83	73	47	54	60		55.8
EBENSBURG	M I		77	47 78	73	57 75	54 77	53 83	58	81	80	78	51 83	65	78	59 73	60 78	60	50 78	55	56		65	59		58	53	59	47	45	57	61	59	57.1
EMPORTUM 1 N	M I		60	46	56 77	54 76	48 79	80	54 82	58	90	70	46 78	60	57	55	56	59	54	60	49	52	59	56	55	56	49	59	45	44	56	53	60	54.0
ENGLISM CENTER	MI	IN :	54		83	47	41 85	44	47	51 92	94	43	46	50	53	53	55	54		60	78 49 80	79 50 84	80 53	54	55	54	73 44 78	-	65 45	68 39	43	53	57	77.4
EPMRATA	M I	N :	56	40	40	47 81	40	40	45	50 92	51	46	45 88	48	55	54	52	50	52	57	52	51	53	55	56	56	45	45	44	73	41	54	55	82.7
ERIE WB AIRPORT	MA	N d	60	57	60	51	56	61	62	65	72	56	56	65	65	62	85 59	64	62	71 62	60	59	88	62	64		76 56		79 53	82 52	63	64	66	82.8
	Mî				60	59	63			64	62	75 50	85 61	67	75 55	75 62	75 58	77 63		78	76 57		77						60	78 60	63			78.4
					-						-															- 1								

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Continued																															J		1962
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of Mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
EVERETT 1 SW	MAX	88	84	80	66	77	82	87	92	92	84	84	90	85	92	70	83	76	79	77	85	84	84	86	84	81	77	73	74	82	79	87	82.1
FARRELL SHARON	MAX	80 66	50 82 53	50 75 64	59 84 61	94 58	51 96 59	54 94 55	93 64	64 85 65	54 85 51	52 94 60	56 91 69	88 59	65 83 64	80 61	87 63	88 62	83	56 86 56	58 88 64	82	62 84 62	84	59 81 59	55 84 64	57 80 60	50 75 54	86 52	50 82 63		85 58	57.2 85.4 60.9
FORO CITY 4 S OAM	MAX	88 59	81 47	82 56	65 59	80 52	84 51	88	88	90	74 49	79 47	86	85 58	82 58	70 59	80	81 59	85	81 50	83 52	87	86 61	81	78 59	75 53	81	68	73 45	80 47	74 60	87	80.7
FREELANO	MAX	83	79 73	79 60	80 53	83 52	81 53	87 64	90 66	88 74	80 53	82 59	82 63	83	83 62	80 57	79 57	78 57	72 57	79 58	82 62	78 60	78 64	78	74	73 55	73 60	68	69 54	68 50	75 62	80	78.8 59.2
GEORGE SCHOOL	MAX	82 53	86 56	82 54	78 50	81 54	76 53	79 57	85 62	90 <b>7</b> 2	88 58	84 53	85 62	80 54	78 55	70 56	75 57	74 65	76 55	71 57	77 63	79 64	86 66		83	78 55	78 62	77 50	82 48	82 58	80 62	81	80.3 58.1
GETTYS BURG	MAX MIN	86 61	85 58	84 63	68 58	80 56	85 62	86 60	91 67	95 71	86 57	85 58	88 65	88 64	84 63	73 60	85 63	67 59	76 63	78 55	85 60	88 70	86 64	85 67	85 60	79 59	78 63	79 54	75 51	82 57	78 65	83 67	82.4 61.3
GRATERFORD 1 E	MAX	85 50	86 56	83 57	80 49	82 50	83 54	83 56	90 63	95 65	89 58	85 53	88 56	82 62	88 60	78 59	86 60	75 61	75 59	70 57	85 57	89 56	90 62	86 61	85 60	78 55	77 55	83 51	77 49	83 49	81 62	80 64	83.1 57.0
GREENVILLE	MAX	90 61	84 46	80 61	88 56	91 52	93 53	95 59	93 60	82 57	86 45	91 54	90 66	86 54	86 61	82 58	90 61	90 58	86 57	89 50	89 58	83 64	82 60	83 61	81 58	85 57	80 58	80 48	82 47	83 60	85 64	85 56	86.1 56.8
HANOVER	MAX	87 61	88 59	83 59	70 55	82 58	87 60	87 64	93 65	95 70	88 57	87 57	90 61	90 65	85 65	78 60	86 66	67 60	74 63	80 60	86 59	88 63	89 64	87 68	87 61	82 61	80 62	81 53	78 52	83 54	79 60	81 67	83.8
HARRISBURG W8 AP	MAX	89 67	84 59	72 60	84 55	88 61	89 64	94 65	98 70	92 71	89 61	95 60	87 69	93 70	77 66	90 65	78 66	77 65	78 64	89 63	91 65	93 72	92 67	88 62	82 60	79 59	83 60	79 52	85 51	83 62	83 66	91 70	86.2 63.5
HAWLEY	MAX	85 55	82 43	81 45	80 48	80 46	80 47	83 50	88 52	93 55	84 46	83 45	82 50	75 58	82 53	73 50	81 49	80 52	76 59	67 52	81 50	85 52	84 57	81 56	72 57	75 46	80 47	76 49	74	80 47	75 54	86 59	80.1 50.7
HOL TWOOO	MAX	85 65	82 63	78 65	84 55	84 63	83 66	92 65	89 69	85 73	84 63	89 63	84 68	84 69	74 66	86 64	.66	73 66	71 65	84 66	88 63	88 70	85 65	86 65	80 64	74 64	80 67	77 58	84 58	81 64	81 66	89 70	82.5
HUNT INGOON	MAX	88 57	85 46	85 46	68 55	85 50	89 49	90 49	93 59	96 67	82 49	83 47	93 47	88 60	86 59	66 59	84 60	84 54	81 54	86 53	86 52	89 55	89 59	85 58	85 60	80 51	84 51	71 45	76 45	85 51	82 57	86 60	84.2 53.7
INDIANA 3 SE	MAX	85 61	83 45	70 59	80 60	85 50	89 49	90 57	91 59	8 <i>2</i> 65	81 43	85 47	82 60	83 59	72 60	81 61	81 62	85 56	83 63	85 48	86 53	84 61	81 60	79 58	75 58	81 58	75 60	72 44	81 42	75 57	87 56	85 60	81.7 55.8
JAMESTOWN 2 NW	MAX	88 61	80 44	79 58	69 55	82 49	84 54	88 56	90 58	91 59	71 42	8 0 4 9	87 64	84 52	83 59	70 55	80 55	84 55	86 53	85 48	82 56	87 63	81 56	80 58	80 56	77 56	84 56	67 44	75 48	79 54	8 0 5 9	81 56	81+1 54+5
JOHNSTOWN	MAX	83 62	83 50	84 50	74 62	84 54	86 51	92 53	90 63	93 70	78 53	81 52	87 54	87 64	86 63	82 62	83 59	86 51	83 52	84 50	88 52	85 67	82 61	82 62	85 61	76 55	81 63	71 53	74 47	84 54	84 50	87 57	83.4 56.7
KANE 1 NNE	MAX	85 53	76 36	77 47	75 41	81 39	82 40	85 46	88 47	89 55	70 37	77 44	84 52	80 44	77 53	65 55	78 45	82 52	77 53	78 42	80 46	82 52	81 55	80 54	72 52	74 44	78 52	62 37	69 38	76 46	76 55	81 53	78.0 47.3
KEGG	MAX	83 59	82 48	73 57	87 58	83 55	87 50	91 59	92 60	78 63	81 52	87 49	83 63	83 61	85 59	83 62	75 61	79 60	82 61	83 54	86 54	83 61	82 61	84 58	76 58	79 53	76 51	73 48	83 47	81 55	85 56	85 63	82.3 56.6
LANCASTER 2 NE PUMP S	MAX	87 57	84 53	79 56	82 47	86 51	85 58	91 58	92 61	89 69	88 57	90 51	88 59	88 63	86 58	87 58	82 60	71 60	70 58	87 57	89 54	91 66	87 58	86 60	84 57	80 53	84 61	80 52	83 45	81 54	80 61	89 63	84.7 57.3
LANOISVILLE 2 NW	MAX	85 59	85 54	82 58	72 48	8 2 5 4	85 62	86 58	91 62	93 73	87 55	85 53	89 62	84 66	87 59	74 60	85 63	72 62	72 62	70 59	85 55	90 59	89 62	87 63	85 61	81 56	76 62	82 48	77 47	84 59	81 65	80 67	82.7 59.1
LAWRENCEVILLE 2 S	MAX	81 58	82 39	84 45	84 49	85 41	86 42	90 47	94 50	87 66	80 45	86 45	82 59	82 54	78 55	83 52	84 50	79 54	73 58	83 54	85 51	85 53	79 59	76 57	77 55	81 45	78 58	74 43	80 42	76 54	84 56	83 59	82.0 51.5
LE8ANON 3 W	MAX	87 62	85 59	82 60	73 53	83 57	86 62	86 63	92 67	94 72	86 57	86 58	89 64	85 65	88 64	74 59	85 61	75 63	70 62	68 58	87 61	88 65	88 64	86 64	84 60	82 57	77 60	81 54	77 54	87 60	81 63	80 64	83.0 61.0
LEWISTOWN	MAX	87 60	85 52	84 50	71 56	85 55	90 53	90 55	95 62	96 64	84 56	87 54	92 54	87 65	89 65	71 61	85 61	84 60	79 62	84 58	89 58	87 58	90 64	87 63	82 62	82 55	85 55	78 55	77 50	86 50	63 60	88 64	85.1 58.0
LOCK HAVEN	MAX	88 58	85 46	83 55	79 49	86 47	87 51	88 54	93 59	95 65	80 50	85 50	90 57	82 57	84 59	66 58	84 55	87 57	80 65	80 54	85 56	88 58	88 58	84 57	82 58	80 49	85 54	75 47	77 44	86 52	84 56	89 60	84.0 54.7
MACERA	MAX	87 51	81 42	80 43	66 56	80 45	83 45	86 46	89 54	92 59	75 43	8 0 4 5	87 56	78 54	80 54	63 57	78 57	80 56	79 58	81 48	81 48	86 54	85 55	78 56	77 56	73 46	79 47	70 42	70 41	79 43	77 51	81 52	79.4 50.3
MARCUS HOOK	MAX	90 66	83 65	78 64	83 58	85 64	80 62	88	90 72	93 72	89 63	88 66	85 71	90 70	77 65	88 64	76 69	72 65	70 63	86 61	90 66	85 72	88 69	84 66	82 64	74 65	87 64	82 60	82 62	76 64	78 66	83 68	83.3
MARION CENTER 2 SE	MAX	82 63	81 54	63 58	79 56	83 51	88 57	87 60	90 62	73 62	80 45	85 51	80 62	80 55	66 57	77 57	78 61	81 58	80 61	83 50	84 57	83 62	78 58	75 59	74 56	79 53	67 59	71 44	79 46	72 59	85 59	8 4 5 7	78.9 56.4
MARTINSBURG FAA AP	MAX	82 61	80 49	65 59	78 58	82 52	86 52	89 62	92 65	81 61	81 51	89 56	85 66	81 63	65 59	83 57	77 58	8 <i>2</i> 58	83 60	84 57	87 57	87 62	83 62	84 61	78 59	79 56	72 50	75 50	82 48	79 59	81 58	87 65	81.3 57.8
MEAOVILLE 1 S	MAX	86 61	78 49	80 55	75 53	83 51	85 51	88 56	91 57	90 58	69 46	79 49	85 57	83 53	80 56	69 56	77 58	83 58	83 54	80 51	82 54	84 62	80 58	79 59	78 57	77 55	82 56	66 44	72 47	78 52	76 58	82 56	80.0 54.4
MERCER 2 NNE	MAX	85 62	78 42	73 56	80 56	83 49	87 53	90 55	91 57	86 59	79 42	87 51	86 64	83 52	78 59	79 58	84 59	85 57	81 56	84 45	8 8 5 5	85 63	82 56	83 57	77 57	85 55	75 55	75 48	78 42	77 58	86 62	83 53	82.4 54.6
MERCERS8URG	MAX	90 60	88 49	85 60	65 58	82 54	86 52	88 59	93 64	95 68	86 53	88 51	92 63	92 62	88 61	72 59	89 61	69 58	80 64	82 56	86 56	89 64	87 63	87 65	88 61	80 57	79 62	77 52	79 47	83 56	79 63	83 61	84.1 58.7
MILLVILLE 2 SW	MAX	85 51	83 49	80 54	79 49	82 49	76 54	85 55	91 58	92 62	82 55	84 51	87 54	78 60	89 60	69 54	84 54	85 56	78 61	68 58	83 55	85 57	84 60	83 57	77 57	76 48	80 51	74 47	73 45	83 52	80 58	82 62	81.2 54.6
MONTGOMERY LOCK AND D	MAX	84 65	84 52	77 62	78 60	86 55	88 56	90 62	91 63	86 63	82 52	87 53	87 66	85 58	85 61	78 61	84 63	86 60	83 63	85 54	88 57	85 68	83	80 60	78 60	85 57	79 59	74 50	82 49	81 59	88 62	86 59	83.7 59.0
MONTROSE	MAX MIN	84 59	77 45	79 49	82 51	80 51	80 49	81 51	87 57	93 61	76 52	77 51	82 55	74 60	78 55	70 52	78 51	81 55	75 58	67 52	79 53	83 56	81 56	78 56	74 53	72 52	80 52	72 45	72 46	78 47	73 56	84 56	78.3 53.0
MORGANTOWN	MAX	85 58	82 57	82 56	82 48	83 56	83 55	87 53	92 64	88 69	84 57	88 55	82 65	86 64	86 60	84 59	82 64	76 62	72 61	85 58	86 57	86 69	85 63	83 61	79 59	78 56	81 64	78 50	80 49	79 63	78 64	84 65	82.8 59.4
MT GRETNA 2 SE	MAX MIN	85 58	83 59	72 55	81 49	85 53	85 62	91 58	93 62	86 67	85 54	90 64	84 62	86 65	74 58	84 56	72 60	70 62	68 58	85 57	88 55	87 54	86 60	83 58	80 56	72 52	81 53	76 47	82 47	83 56	80 64	88 62	82.1 57.5
NEW CASTLE 1 N	MAX	88 64	82 47	81 60	80 58	85 52	89 52	90 59	91 60	88	81 48	88 53	88 65	86 56	85 59	80 60	83 59	85 57	86 55	83 49	88 58	86 66	83 60	82 64	78 59	84 57	83 56	74 45	81 47	82 60	87 63	85 56	84.3 56.9
NEWELL	MAX	92 67	84 59	88 64	76 62	82 57	87 58	92 62	92 65	92 69	78 54	83 54	90 66	85 62	88 65	77 65	82 63	85 62	91 65	84 56	87 60	89 68	8 4 6 4	84 64	84 63	79 61	82 62	69 53	77 50	85 59	80 62	91 62	84.5
NEWPORT	MAX	90 58	88 54	84 55	70 53	83 52	89 54		94 61	97 66	86 58	90 53	94 56	86 67	88 64	70 54	86 59	83 61	75 63	75 59	88 59	87 60	89 62	89 62	83 61	85 55	80 55	78 50	78 48	86 50	81 64	85 64	84.7 58.0

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PENNSYLVANIA JULY 1962

Station																Day	01 10	lonth															e Di
		1	2	3	4	5	6	7	8	9	10			-		15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Aver
NEW STANTON	MAX	60						58									81 61	86 55	83 58	82 57	90 52	80 62	82 64	86 50	77 50	82 55	70 55	76 47	83 45	89 57	82 60		83.2
NORRISTOWN	MAX	61						94 66									75 65	76 62	71 60	87 61	90 61	92 71	87 65	87 64	87 62	78 60	86 63	79 54	86 54	84 63	80 63		85.4
PALMERTON	MAX	86					85 60	92 58									80 55	75 63	66	84 59	86 54	86 65	83 62	76 61	78 57	79 51	79 60	76 54	83	81	79 68	88	82.5
PMIL OREXEL INST OF T	MAX	88					81 63	88 68	91 71							86 62	77 67	73 63	70 62	85 60	90 66	87 73	88 68	83 65	80	78 65	85 67	79 57	84	79 66	78 64		83.5
PHILAOELPHIA WB AP	MAX	87 61	81 64				81 57	87	90 70							87 62	74 67	73 60	72 59	85 58	89	8 9 7 2	87 68	83	79 61	76 59	84	78 53	84	77	76	82	82.3
PMILAOELPMIA PT BREEZE	MAX	88	86 67			82	82 64	89								86	75 68	74 65	72 64	85 62	88	88	86	84	80	76 66	83	78 57	82	77	78	84	83.2
PMILIPSBURG FAA AP	MAX	77	74 42			77 42	81 45	86	85 53					7 8	63	75 56	76 55	72	79 52	78	81	80	79	73 55	74	75 45	67	67	76	74	77	82 59	75.8
PHOENIXVILLE 1 E	MAX	87 58	91 54	83 58	84	84 56	84 55	91	91	91 73	86				86	87	84	75 63	74	79	88	84	91	90	60	55	63	55	49	54			51.2
PITTSBURGH WB AP 2	MAX	82	83 59	64 59	77	84 54	87 57	89	89	75 56	80	87	85	84	72	78	80	85	82	84	86	86	81	82	75	82	68	74	80	79	87	86	59.9
PITTSBURGM WB CITY	MAX	82	83	68	77	85	89	91	91	75		89	85	85	74	80	81	86	82	84	88	85 71	81	81	76	59 81	70	75	80	78	88	87	81.9
PLEASANT MOUNT 1 W	MAX	80	77 40	75 43	77	77 43	75 42	77	84	89	77	75		75	77	59	76 45	78 55	72	62	78	76 47	78 43	75 50	71 54	70 43	76 49	73	70	71	73	81	75.2
PORT CLINTON	MAX	85 53	8 <b>6</b> 45	82 47	79	82	84	82	92	94	85	85	88	82	86	76 55	84	76 55	74 57	67	85	87	87	85	80	79	73	79	77	54	80	78	82.0
PUTNEYVILLE 2 SE OAM	MAX	88	79 47	80	67	80 51	83	89	90	89	74	81	85 57	83	83	66	80	81	82	80	83	87	82	81	79	79	80	69	41	52 80	55 78	62 84	52.0
OUAKERTOWN 1 E	MAX MIN	86 56	85	82	83	83	82 52	90	94	91 72	86	88	85 61	87	85	85	83	79	75	83	53	89	59	61 85	77	78	58	78	83	51 83	80	56 86	84.1
READING WB CITY	MAX	89 64	85	79 61	85	88	86 60	91	95 70	88	87	89	83	88		86	75	73	70	87	90	89	60	86	81	77	83	78	84	59 82	80	89	57.6 84.1
RENOVO	MAX	92 56	85	85 45	82	88	89	89	94	95	80	86	70 89 49	83	62 85 56	62	65 85 53	65 88 54	63 82 57	85	86	87	86	87	84	80	85	74	77	67	78	68	84.7
RIDGWAY	MAX	86 53	79 41	79 45	75	84	85 46	87	90	90 57	70	79	84	78	79	65	78	83	80	80	55	83	83	80	57	75	80	45 65	70	76	54 76	57 84	79.6
SALINA 3 W	MAX	81	82	79	77	83	87	89	89	87	78 52	85	86	82	53 80	78	81	83	81	81	48 85	83	80	56 78	74	79	77	71	79	45 78	57 87	59 85	50.5
SCRANTON	MAX	84	82 50	85 50	84 52	86 53	84 53	87	89	100	84	83	86	79	87	73	62	5 5 8 1	81	71	85	88	59 84	51 85	78	78	51 83	50 78	76	56 81	61	58	56.1 82.9
SCRANTON WB AIRPORT	MAX	84	82	83	84	84	84	91 57	94	85	84	53 85	77	86	75	85	58	81	69	85	87	85	82	77	77	51	78	51 75	82	50 78	5 2 8 5	86	82.5
SMIPPENSBURG	MAX-	87 63	84 53	83	81	87 56	88 57	94	61 95 68	88 71	58 87 55	54 91 55	90	89	5 9 8 2	5.8 8.5	57 82	76	79	58 85	58	86	85	87	57 82	80	56 76	77	85	82	86	68	58.0
SLIPPERY ROCK	MAX	83	77 54	75 59	80	84 51	88	90	90	85 61	82 45	88 56	86 66	80	78	76	78	82	79	80	85	81	80	76	74	80	77	53 72	51 79	61 76	63	81	80.8
STATE COLLEGE	MAX	87	81	80 58	67 52	82 53	83	87	90	92	75	81	87	82	58 81	69	80	79	76	55 83	61	85	84	82	79	78	5 7 8 0	72	72	82	63 79	82	58.4
STOYSTOWN	MAX MIN	85 52	79	79 47	61	74 50	80	82	86	88	74	76	83	80	78	69	78	74	79	78	77	83	80	77	79	71	75	66	69	60 75	60 78	83	77.3
	MAX	87	86 45	83	82	84 45	84	87	95	88	85	89	77	87	72	85	57 82	57	66	50	88	84	81	59 75	56 78	79	57 80	75	85	51 82	57 82	5 8 8 5	54.1 82.5
SUNBURY	MAX	89 57	86 47	85 50	79	86	88	89	50 94 59	97	86	85	91	82	58 87	72	87	85	75	55 74	50 86	86	87	57 88	83	82	55 83	47 78	78	52 87	62 86	65	53.5
TIONESTA 2 SE DAM	мах	87	82 46	78 50	74 50	83 51	86 52	87 55	91 59	90	70	79	53 85	80	81	65	57	83	78	58	5 9 8 4	86	81	80	79	76	80	64	72	46 78	61 76	84	80.0
TITUSVILLE WATER WORK		78 54	75 40	72 55	80	80 43	84	87	88	74	75	84	56 81	77	73	75	57	78	76	52 78	53 81	59 79	76	58 7 <b>5</b>	73	52 78	56 64	45 69	46 75	72	52 78		54 • 0 77 • 1
TOBYMANNA	MAX	80 55	79	77	78	78	81	87	90	86	80	82	78	80	55 78	79	53	73	52 69	80	49 79	81	56 79	52 75	72	73	5,2 72	69	40 77	74	56 77	53	78.1
TOWANOA 1 ESE	MAX	85 62	43 82 42	47 84 47	85	45 85	86	91	52 96	90	82	45 85	55 81	83	57 79	83		80	72	83	52 85	85	80	56 76	76	82	51 77	43 75	81	54 79	60		51.7
TOWER CITY 1 S	MAX	87 57	84	84	75	84	85	86	91	93	85	48	59 89	83	58 85	73	51	76	70		84	87	57 87	58 83		78	72	79	76	56 82	55		54.5 81.7
UNIONTOWN	MAX	87 67	83	52 80 65	76	85	87	90	90	87	79	51	56 84	85	82	80	78	84	82	82	84	57	81	56 82	75	77	51 75	75	81		64 89		54.4
WARREN	MAX	79 63	81	80	85	56 85	88	63 91	92	74	80	52 87	52 83	79	71	81	63	82	63 79	82	85	70		74	78	82		73	48 79	76	61 83	- 1	60.8
WAYNESBURG 1 E	MAX	89 58	83	84	70	79	84	90	95	91	48 79	81	89	53 84	87	75		62 79	86	83	84	86	83	82	83	52 77	56 79	70	77		60 78		54.8 82.5
WELLSBORO 3 S	мах	87 60	52 76	80	77		82	84	88	90	75	79	84	56 78	79	62		8 2	76	70	80	79	81	79	73	73	58 77	67		76	56 72	59	78.1
WEST CMESTER	MAX	89	90	87	50 82		86		93	95	91	91	87	56 92	84	79	93	83	81	69	87	87	91	90	87	82	75	85	48 79	53 87	51 80		53.0
WILLIAMSPORT WB AP	MAX	84	84	80	85	87	86	93	95	84	59 85	89	79	85	68	86	84	79	73	85	84				79			77	54 82		62		82.9
YORK 3 SSW PUMP STA	MAX	87	51 87	82	83	85	86	93	94	93	56 85	53 88	63 89		83	85	85	73	61 76	84	5 8 8 8	63	61	60	57	52	56	53	48	60	62	67	58.2
	MIN	60	52	60	51	55	63	59	64	72	53	52	62	63		60							61					49			66		60.3

### MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1961 - 1962

PENNSYLVANIA

ALLENTOWN W8 AP 0 1 56 293 620 1084 1193 1056 800 454 ALLENTOWN GAS CO 0 2 53 288 592 1034 1159 1059 817 446 ALTONA MORSESHOE CURVE 17 10 85 309 692 1107 1217 1036 917 513 ARENOTSYILLE 0 2 60 305 604 1068 1140 1053 837 433 AUSTINBURG 2 W 28 24 113 381 761 1170 1294 1201 1019 638	May  148 159 141 116 237 83	June 6 6 19	Total 5711	Long-term means July-June
ALLENTOWN 6AS CO 0 2 53 288 592 1034 1159 1059 817 446 ALTONA MORSESHOE CURVE 17 10 85 309 692 1107 1217 1036 917 513 ALTONA HORSESHOE CURVE 0 2 60 305 604 1169 1140 1053 837 433 AUSTINBURG 2 W 28 24 113 381 761 1170 1294 1201 1019 638	159 141 116 237	6	5711	
	83	83	5615 6063 5624 6949	5880
BAKERSTOWN 3 WNW         16         0         63         265         639         1013         1174         933         845         483           BEAR CREEK OAM         8         17         5         79         356         687         1105         1204         1079         879         510           BERWICK         2         3         60         267         631         1061         1176         1020         841         460           SCHUICK STRUCK STRUCK         0         0         38         244         575         1020         1106         1044         864         435	153 111 151	16 0 31 4 6	5530 6105 5636 5483	
8ETHLEMEM LEHIGH UNIV 0 0 38 244 575 1020 1106 1044 864 435  8LAIRSVILLE 6 ENE 30 12 80 326 724 1104 1250 1029 929 544  8LOSERVILLE 1 N 3 4 58 267 589 1035 1136 1057 820 440  8RADFORD FAA AIRPORT 69 39 149 444 817 1215 1408 1204 1070 663  8RADFORD FAA AIRPORT 69 30 133 436 811 1193 1394 1167 1090 673	131 129 253 243	28 9 102 104	6187 5547 7433 7344	
BROKVILLE FAA AIRPORT         36         12         125         403         763         1141         1311         1072         983         607           BURGETTSTOWN 2 W         34         7         108         392         729         1082         1245         1034         953         604           BURNT CABINS 2 NE         14         4         69         312         575         1022         1104         976         823         435           BUTLER         24         1         112         370         710         1101         1267         1020         895         578           BUTLER         10	176 127 111 135 254	40 6 21 76	6670 6355 5451 6234	
CARLISLE 0 0 42 222 555 1010 1110 974 770 378 CARLISLE CHAMBERSBURG 1 ESE 4 4 64 281 609 1064 1137 1022 836 435 CLARION 3 SW 63 39 511 895 1282 1456 1195 1138 748 CLARION 3 SW 21 4 75 332 647 968 1200 930 856 523	90 124 242 95	0 4 122 9	5151 5584 5660	
CLERNONT 4 NW 58 43 131 451 776 1173 1365 1161 1122 666 CLERNONT 4 NW 58 2 49 290 584 1021 1120 1019 795 428 COATESVILLE 1 SW	253 148 132	94 8 25	7293 5464 6083	
CONFLUENCE 1 SW OAM CONNEAUTY LLE 43 30 104 367 738 1155 1221 1142 1009 619 CORRY CORRY 44 16 98 350 763 1137 1333 1121 990 601 COURTSPORT 3 NW 75 72 151 494 872 1252 1424 1200 1123 0EVAULT 1 W 0 1 293 621 1056 1158 1043 821 441	177 181 289 153	64 46 124 7	6769 6680	
OIXON 19 22 104 413 742 1130 1261 1173 953 588 ONEGAL 0104 18 103 368 706 1054 1206 991 925 595 ONEGAL 17 1 69 317 647 1023 1147 854 734 417 OU 8015 7 E 35 17 100 351 746 1142 1307 1059 1009 606 EAGLES MERE 36 47 117 446 810 1237 1370 1259 1069 614	207 155 57 169 262	35 31 0 44 69	6647 6193 5283 6585 7336	
EAST BRADY 11 5 53 231 624 1032 1196 949 836 490 EBENSBURG 37 17 105 425 750 1151 1277 1072 1000 602 EMPORIUM 1 53 40 134 473 817 1227 1380 1223 1067 665 EMPORIUM N 53 40 134 473 817 1227 1380 1223 1067 665 ENGLISH CENTER 47 35 116 453 740 1123 1270 1152 1012 617 1161 1161 1161 1161 1161 1161 116	85 195 259 246 121	0 43 106 63 6	5512 6674 7444 6874 5326	
EPHRATA 0 2 48 299 366 1012 11.	168 111 67 139 126	59 14 3 18 12	6247 5927 5299 6126 5990	6558
FREELAND 11 14 87 271 714 1144 1276 1102 937 532 600RGE SCHOOL 0 3 48 298 594 1049 1126 1030 813 440 6ETIYSBURG 0 1 49 267 563 1019 1077 1004 794 411 6RATERFORO 1 E 0 5 70 343 617 1059 1160 1078 849 464 GREENVILLE 10 1 59 265 678 1050 1240 1014 880 510	213 183 107 189 96	23 11 5 8 7	6324 5595 5297 5842 5810	
HANOVER HARNISBURG W8 AP O 2 41 244 569 1042 1139 1025 791 415 HARLEY D 0 2 41 244 569 1042 1139 1025 791 415 HAWLEY D 0 0 23 214 547 979 1063 962 772 415 HOLTWOOD D 0 23 214 547 979 1063 962 772 415 HOLTWOOD D 0 1 340 657 1073 1167 1061 887 494	109 120 258 101 117	50 0 6	5233 5390 6668 5076 5894	5258
INDIANA 3 SE 27 9 84 343 672 1045 1208 960 891 551 JAMESTOWN 2 NW 36 11 99 362 758 1158 1341 1143 1000 617 JOHNSTOWN 18 10 81 422 705 1083 1163 1021 902 493 JOHNSTOWN 18 70 59 155 511 847 1231 1404 1223 1089 688 KANE 1 NNE 70 59 155 511 847 1231 1404 1223 1089 688	141 160 115 262 140	13 54 16 123 11	5944 6739 6029 7662 5881	
LANCASTER 2NE PUMP STA 0 0 56 308 600 1052 1139 1016 806 421 LANCISVILLE 2 NW 2 5 65 324 613 1074 1167 1079 838 472 LANCISVILLE 2 S 26 13 86 352 735 1092 1253 1100 976 561 LANGENCEVILLE 2 S 26 13 86 352 725 608 1039 1155 1073 812 441 169 1100 1100 1100 1100 1100 1100 1100	121 156 195 141 126	4 7 36 7 3	5523 5802 6425 5609 5583	
LEWISTOWN 5 3 59 277 603 1022 123 1102 904 524 1005 1005 1005 1005 1005 1005 1005 100	145 204 102 142 101	11 64 5 26 14	6168 6997 4631 6369 5718	
MEAOVILLE 1 S 36 13 102 359 747 1145 1318 1147 989 623 MERCER 2 NNE 40 9 102 354 718 1098 1268 1043 1003 MERCER 2 SURGER 2 2 2 62 280 573 1021 1094 1023 793 432 MERCERSBURG 2 2 62 280 573 1021 1270 1151 931 547 MILLVILLE 2 SW 10 14 95 400 728 1134 1270 1551 931 547	166 140 125 192 74	49 27 8 25 7	5415 6497	
MONTGOMERY LOCK AND DAM  MONTROSE  36 40 106 423 811 1216 1357 1242 1050 640  MORGANTOWN  0 4 62 295 602 1044 1119 1018 808 436  MORGANTOWN  1 4 78 300 628 1066 1179 1043 823 472  NEW CASTLE 1 N  15 0 68 263 632 1008 1181 955 867 486  NEW CASTLE 1 N  NEWELL  6 0 41 244 569 936 1091 875 790 476	272 132 149 93 67	10 9 11 2	5530 5752 5579 5097	
NEWELL 6 0 41 244 305 706  NEWFORT 1 4 315 634 1063 1176 1044 836 451 NEW STANTON 20 1 67 293 637 1000 1155 918 830 506 NORNISTOWN 0 0 34 220 523 963 1038 924 799 394 NORRISTOWN 2 8 85 332 634 1082 1181 1043 835 489 PAILMERTON 2 8 85 332 634 1082 9181 1043 835 489 PHIL OREXEL INST OF TEC 0 0 0 21 210 489 943 994 925 707 367	125 97 108 168 107	4 2 5 13 6	5526 5008 5872 4769	
PHILADELPHIA WAP 0 0 45 288 593 1049 1078 963 748 408 PHILADELPHIA PT BREEZE 0 0 0 10 193 455 893 956 889 682 358 PHILADELPHIA PT BREEZE 0 0 0 10 193 455 893 956 889 682 358 PHILIPSBURG FAA AP 56 32 138 447 799 1200 1347 1161 1021 622 PHOENIXVILLE 1 E 0 1 54 282 552 1017 1083 997 791 528 PHOENIXVILLE 1 E 0 1 54 282 552 1017 1083 997 791 528 PHOENIXVILLE 1 E 0 171 SBURGH WB AP 2 177 302 666 1039 1197 1020 873 513	133 103 233	7 8 95 0 18	5312 4547 7151 5818	4866
PITTSBURGH WB AF 2  PITTSBURGH WB CITY 6 0 45 226 587 949 1100 887 791 442  PLEASANT MOUNT 1 W 61 59 133 470 854 1262 1404 1281 1080 670  PORT CLINTON 18 17 92 402 682 1101 1254 1119 901 551  PUTNEYVILLE 2 SE OAM 44 16 121 424 787 1178 1344 1170 591  OUAKERTOWN 1 E 56 276 1055 1177 1025 800 438	63 332 217 150 143	2 96 32 31 4	5098 7702 6386	5048
READING WB CITY 0 0 32 209 540 958 1072 950 716 391 RENOVO 2 4 74 329 700 1100 1225 1095 915 527 RIGGWAY 38 12 103 388 748 1133 1312 1087 1001 644	115 162 205	18 56	4987 6151 6727	5060
See reference motes following Station Index 120				

### MONTHLY AND SEASONAL HEATING DEGREE DAYS

CONTINUED PENNSYLVANIA Long-term means July-June Septembe October November Decembe March SALINA 3 W SCRANTON SCRANTON WE AIRPORT SHIPPENSBURG SLIPPERY ROCK 160 155 94 101 1132 1125 1000 1017 531 508 404 521 14 16 2 10 STATE COLLEGE STOYSTOWN STROUDSBURG 395 374 336 377 1254 1276 169 201 145 182 48 21 8 20 15 986 SUNBURY TIONESTA 2 SE DAH TITUSVILLE WATER WORKS TOBYHANNA TOWANDA 1 ESE TOWER CITY 1 5 UNIONTOWN 1187 1085 1089 928 1323 1232 1223 1046 1155 1082 1082 814 999 931 875 761 607 542 504 446 258 178 176 55 53 30 23 2 660 596 WARREN
WATNESBURG 1 E
WELLSBORO 3 5
WEST CHESTER
WILLIAMSPORT WB AP 553 666 988 1069 1051 1198 999 1063 760 851 400 479 YORK 3 55W PUMP 5TA 

### EVAPORATION AND WIND

																1	Day o	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BEAR CREEK DAM	EVAP							.20					.26 48							.19			.20 60		.15							.30	7.00 1761
BELLEFONTE 4 S	EVAP		.25 30	.29 33	.07 45								.30 66				.28 47			.24 41				.29 56								.21 71	
CONFLUENCE 1 SW DAM	EVAP WIND					.11										.04 30				.19 10				.10 45				.15 72				.22 53	5.22 1083
FORD CITY 4 S DAM	EVAP						.25 20		.17 14				.25 40							.29 47								.21 76			.08 21		6.00 1095
JAMESTOWN 2 NW	EVAP WIND										·10		.10 32						.22 27		.23 27				.17 52					.16			
LANDISVILLE 2 NW	EVAP												.47 47							.05 41		.29 70			.27 77					.33 52			

### DAILY SOIL TEMPERATURES

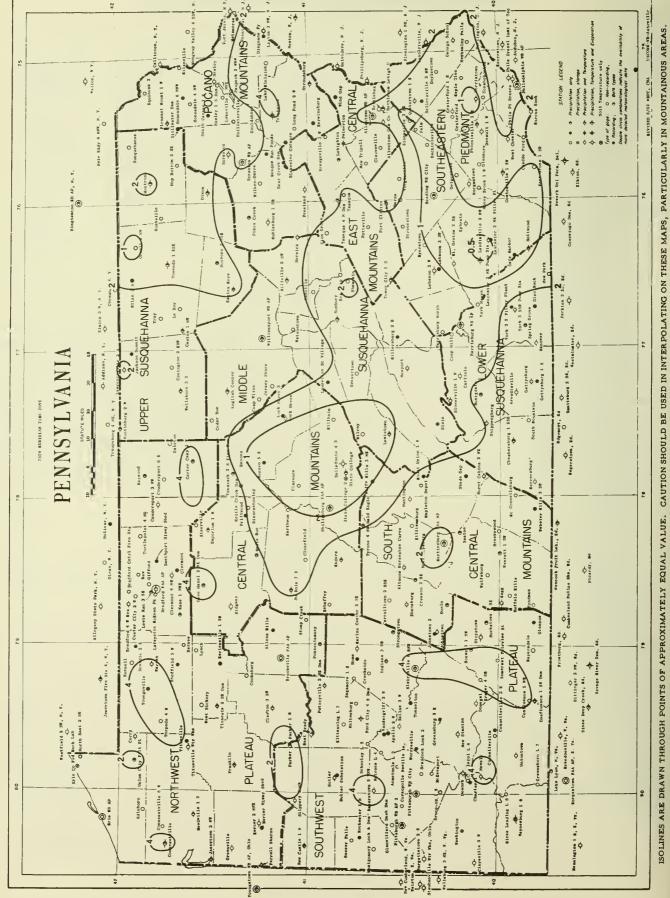
	STATION AND																Day (	of mo	nth															age
	DEPTH		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE	CO FIELD RSCH LAB																																	
	8 INCHES	MAX MIN	79 75	78 74	77 74	77 73	78 74	79 75	80 76	81 77	80 76	78 73	79 75	79 77	78 75	77 75	76 72	78 74	79 76		79 75				76 72	73 70	72 70	72 68	70 66	70 67				76.5 73.2
LAN	DISVILLE 2 NW																												1					
	2 INCHES	8 AM	62	63	67	61	63	65	66	67	70	66	65	67	68	66	64	66	65	64	64	64	68	67	67	65	65	66	62	62	66	67	67	65.6
STA	TE COLLEGE 2																																	
	2 INCHES	MAX MIN	88 68	92 62	71 65	91 60	94 62	95 64	96 68	95 70	82 72	93 63	95 64	80 71	88 66	71 68	88 65	89 66	84 66	87 69	90 65		89 70	89 67	81 68	91 65	90 64	82 68	79 60	95 60		94 67	87 69	87.7 66.1
	4 INCHES	MAX	82 68	84 64	71 67	84 61	85 64	87 66	87 69	89 71	79 73	86 65	88 66	79 71	83 67	72 68	83 66	84 67	80 67		84 66	81 68	83 70	84 68	79 69	85 66	85 66	78 70	76 63	87 62	81 70		83 70	82.5 67.3
	8 INCHES	MAX MIN	75 69	76 67	72 68		76 67	78 68	79 70	80 72	77 73	78 69	78 69	75 71	76 70	73 69	75 68	76 68	74 69		77 69		76 71	76 70		76 68	77 69	75 71	71 67	77 66	75 71	78 70	77 72	
	12 INCHES	MAX MIN	71 69	71 69	71 68	70 66	71 68	72 70	73 70		74 72	72 69	72 70	72 71	72 70	72 70	71 68	71 69	71 70				72 70	72 70	72 70	71 69	72 70			71 68		72 70	73 71	71.7 69.5
	16 INCHES	MAX MIN	69 68	69 68	69 68	68 66	69 67	70 68		71 70	73 71	71 70	71 70	71 70	70 70	71 69	70 68	70 69	70 69	70 69	70 69			71 69	71 70	70 69	71 69	71 70	70 68	69 68		71 70	71 70	

Erie Co Field Rsch Lab - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Ryegrass and Native Weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam. Ground Cover: Permanent blue grass sod which is kept clipped to a height of 2 inches. Instrumentation: Weston Electric Soil Thermometer.

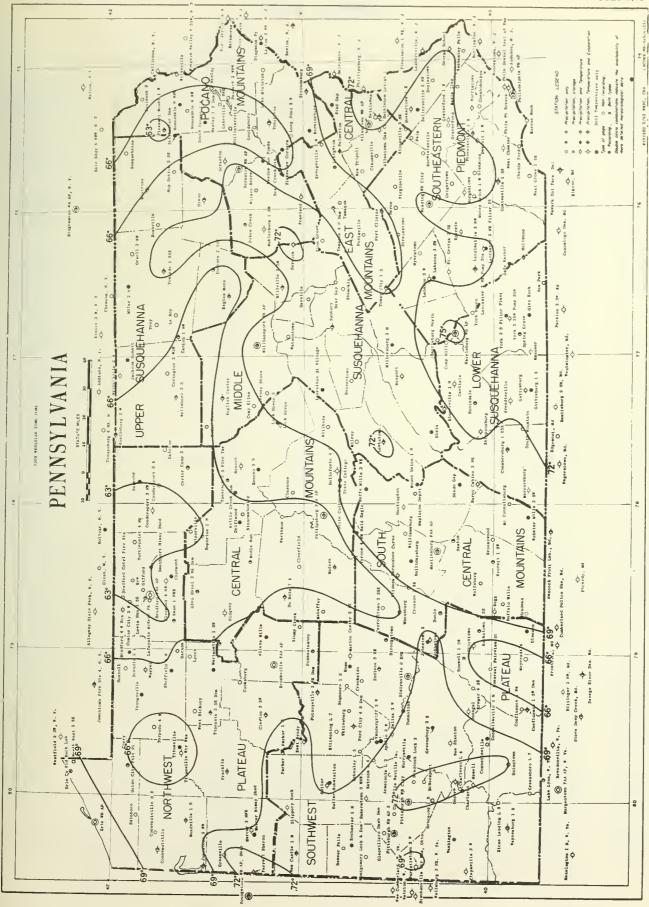
State College 2 - Slope of Ground: Gentle slope to the southeast, Soil Type: Hagerstown silt loam. Ground Cover: Kentucky blue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constant

## TOTAL PRECIPITATION



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# AVERAGE TEMPERATURE



ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

	T		++		_ [	OBSERVA				T			<u>ш</u> Т	.	OBSE	RVATI	ON	1982
STATION	INDEX NO.	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	TIME A	S	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	TA	E ANI BLES		OBSERVER
ACMETONIA LOCK 3 ALLENS MILLS ALLENTONN WB AP ALLENTONN GAS CO ALTOONA JMPSSESHOE CURVI ARENOTSVILLE AUSTINBURG 2 W BAKERSTOWN 3 WNW BARKES	0022 0099 0106 0111 0134 0204 0229 0313 0355	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR WESTMORELAND ADAMS TIOGA ALLEGMENY WARREN	1 A0 32 1 41 12 9 40 39 9 40 36 6 40 30 7 40 35 15 39 55 15 42 00 1 40 40	79 49 78 55 75 26 75 28 78 29 79 36 77 18 77 32 79 59	748 1600 376 254 1500 1060	7A 7A 6P 6P 6P 8A 8A 7A 7A 3P 7A 3P 7A	T X ARTHORN	CORPS OF ENGINEERS CHARLES TO ALER CHARLES TO ALER LEPIGM VALLEY GAS DIV ALTOONA WATER BURS EUGENE RA YOUNG PAS STATE COLE EXPSTA OTTO DO BACON POH CUT FLOWER CO- CORPS OF ENGINEERS	KEGG KETTLE CREEK OAM KITTANNING LOCK 7 KREGAR AL KREGAR AL KREGAR AL KAEAVETHE MC KEAN PARK LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2 NE PUMP STA LANCASTER 2 NE PUMP STA LANCASTER 2 NE FUT PL ANCASTER 2 NE FUT PL	4481 B 4585 C 4611 A 8667 W 4672 C 4706 M	I KEAN	6 39 59 16 A1 22 1 A0 06 9 40 54 1 41 48 5 41 13 5 41 27 15 40 03 15 40 03	78 A3 77 56 79 32 79 1A 75 34 78 A0 75 03 75 16 76 17	1280 930 790 2530 720 2130 1360 1440 255 270	TEMP.	D R A		PA. TURNPIKE COMM- CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF THE STATE OF THE THE STATE INACTIVE 12/59 MRS. GLADYS REINERE LANCASTER WATER BUR. LANCASTER WATER BUR. LANCASTER WATER BUR.
BEAR CREEK DAM BEAR GAP BEAVER FALLS BEAVER TOWN BECHTELSVILLE BELLEFORTE & S BEANE BEANE BEANE BEANE BEANE BETHLEHEM BETHLEHEM LEHIGH UNIV	0455 0457 0475 0482 0488 0530 0599 0611	LUZERNE NORTHUMBLANO	9 41 07 15 40 50 2 40 46 15 40 45 14 40 22 16 40 51 14 40 31 15 41 04 9 40 37 9 A0 36	75 4A 76 30 80 19 77 10 75 38 77 A7 76 00 76 15 75 23 75 23	1505 900 760 6A0 400 1110 325 570 240	7A 7A 7A 7A 7A 7A 8A 8A 8A 7A	A C	CORPS OF EMGINEERS ROARING CREEK WATER CO., HOWARD R. KEHP HARLIN R. FISHER PAUL W. FISHER ROCKVIEW PRISON FARM FLOTO W. TUMP FLOTO W. TUMP AMER. CAR P. FISHER CITY OF BETHLEHEH LEHIGH UNIVERSITY	LANDISVILLE 2 NV LAUPELTON STATE VILLAGE LAWRENCEVILLE 2 5 LEBANON 3 W LEBANON 3 SW LEH OVTON LE ROUTE STATE LEW IS RUN 3 SE LEW IS RUN 3 SE LEW IS RUN 3 SE LEW IS TOWN LOCK MAYEN	A778 L 4853 U 4873 T 4891 L 4896 L 4934 C 4972 8 498A M 4992 M	ANCASTER IN I ON I OGA EBANON EBANON	15 40 07 15 40 54 15 41 59 15 40 20 15 40 20 15 40 19 9 A0 50 15 41 41 11 41 50 6 40 35 16 41 08	76 26 77 13 77 07 76 29 76 28 75 A3 76 43 78 39 77 35 77 27	360 880 1000 460 490 580 10A0 1740 A80 680	8 A 8 6 7 7 7 7 7 7 7 7 7	PAAAAA	CG CH CC	PAs STATE COLLEGE PAS DEPTS OF MELFARE MARRY PS MONLAND LEON MILLER THOMAS DOMNACHIE GOODWIN SS DEFREHN LEANON MS RAUMAN RUSSELL LINEMAN AMERICAN VISCOSE COS JOHN PS FREY
BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS BLOSERVILLE 1 N BOSMELL 1 5W BRADDOCK LOCK 2 BRADFORD FAA AIRPORT BRADFORD CHTRL FIRE STA BRADFORD 4 W RES BREEZEWOOD	0736 0743 0763 0821 0861 0865 0867 0868	MC KEAN BEOFORD	15 40 20 A 40 27 9 A1 06 15 40 16 1 40 09 10 40 24 1 41 48 1 41 57 1 41 57 6 40 00	77 31 79 09 75 36 77 22 79 52 78 38 78 39 78 44 78 14	1650 650 1810 725 2121 1500 1680 1352	HID	С С Н	PA. OEPT. FRST. * WTRS. U.S. WEATHER BUREAU WALTER MILDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULTS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD WATER DEPT. PA. TURNPIKE COMM.	LOCK MAYEN 2 LONG POND 2 W LYNCM MADERA MAHAFFEY MAPLE GLEN MAPLETON OEPOT MARCUS HOOK MARIENVILLE 1 SM MARION CENTER 2 SE	5160 M 5275 F 5336 C 5342 C 5368 M 5381 H 5390 C 5400 F 5408 H	CLEARFIELO CLEARFIELO CONTGOMERY SUNTINGOON DELAWARE COREST NOIANA	16 A1 08 9 41 03 1 41 36 16 40 50 16 40 53 5 40 11 6 40 24 5 39 49 1 41 27 2 40 45	77 27 75 30 79 03 78 26 78 44 75 11 77 56 75 25 79 09 79 02	1700	7A 7 7 8 7 8 7 MID MI	A A A A O	c c	HUGH F. PARKER THOMAS MECKES CORPS OF ENGINEERS MRS. JULIA J. SHOOF HISS ELLEN J. SHOFF FRANCES E. SCMEIBHER MRS. I. S. BUCHANAN SUN OIL CO. ROY A. NARKER CORPS OF ENGINEERS
BROOKVILLE FAA AIRPORT BRUCETON 1 5 BUCKSTOWN 1 SE BURETALO MILLS BURETTSTOWN 2 W BURNT CABINS 2 NE BUTLER BUTLER SUBSTATION CAMP WILL CAMP KLINE	1033 1073 1087 1105 1115 1130 1135 1198 1203	JEFFERSON ALLEGHENY SOMERSET BEDFORD WASHINGTON HUNTINGOON BUTLER BUTLER CUMBERLANO LYCOMING	1 A1 09 10 40 18 A 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 15 40 15 16 41 16	79 06 79 59 78 50 78 39 80 26 77 52 79 54 79 53 76 55 77 20	1065 2460 1318 980 990 1100 1140 460 590	7A 8A 7A 5P 5P 8A 8A 6P 7A	С	FEO. AVIATION AGENCY AUSTIN N. COOPER ALVIN N. MANGES CLIFFORD C. ADAMS SMITH TWP. MUN. AUTH- PA. TURNPIKE COMM. ROGER CLARX WEST PENN POWER CO. CLOSED 671/62 LESLIE D. DOWLING	MARTIMSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KESPORT MEADOW RUN PONOS MEADVILE 1 S MEDIX RUN MERCER 2 NE MERCER BUILD MERCER SBURG MERCH MERCER BUILD MERCH MERCER MERCER MERCER BUILD MERCER MERCER MERCER MERCER MERCER	5601 L 5606 C 5627 E 5651 M	TIKE TULTON LLEGHENY LUZERNE RAWFORO ELK MERCER MERCER ERANKLIN	6 AO 18 5 A1 22 12 39 56 10 AO 21 15 A1 13 1 A1 38 16 41 17 2 41 15 2 41 14 12 39 49	78 19 74 42 78 00 79 52 75 40 80 10 78 2A 80 13 80 15 77 54	1A63 A39 895 720 1995 1065 1100 1160 1250 615	8A 8	A A A	C H H C C C	FED. AVIATION ACEMCY MARRY BISLAMD MRS. HELEN M. SHIVES USS NAT. TUBE DIV GEORGE PEARAGE CITY OF MEADVILLE MRS.SE. M. SHVOER MRS. FRAN. STRUTHERS PA. DEPT. MIGHNAYS ROLLIN P. GILBERT ARTHUR A. SMITH
CANTON 1 NW CARL ISLE CARROLLTOWN 2 55E CARTER CAMP 2 W CEOAR RUN CHADOS FORD CHAMBERSBURG 1 ESE CMARLERO; CHARLERO; CHARLERO; CHARLERO; CHARLERO;	1234 1255 1262 1301 13A2 1354 1372 1377	BRADFORD CUNBERLAND CAMBRIA POTTER LYCOMING DELAWARE FRANKLIN MASHINGTON WESTMORELAND CENTRE	15 41 40 15 40 13 16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 09 10 40 09 16 41 03	76 52 77 12 78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56	1520 A65 2040 2030 800 170 640 1040 749 1410	7A 7A 6P 6P 8A 7A 7A 7A 9P 9P	CHHC	MRS.wHILDRED SPENCER CARROLLE GR. HILLER ROBERT F. MAURER RICHARO L. HEMKEN KATHRYN T. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENDER WEST PENN POWER CO. COPPS OF ROISHERS MISS VELOA SWANCER	MEYERSOALE MILAN 2 N HILANNILLE MILLERSBURG 2 E MILLERIM NILLVILLE 2 SW MILROY MONTROSE	5684 S 5731 B 5738 B 5775 C 5790 C 5817 C 5825 M 5902 B 5915 S	SOMERSET RAOFORO VAYNE DAUPHIN CENTRE COLUMBIA VIFFLIN BEAVER SUSQUEHANNA	9 40 58 17 39 49 15 41 56 5 41 40 15 40 53 15 40 53 15 41 06 6 40 43 11 40 39 15 40 09	75 28 79 01 76 31 75 04 76 56 77 29 76 34 77 35 80 23 75 52	2100 770 760 560 1079 860 770 692 1560	7A 7	A A A	с с с	PAUL E. PULLER CHARLES E. SIROUD CHARLES W. DAVIS RUSSELL SHEPLEY REVIN E. BOWERSOX KENNETH LEIGHOW THOMAS C. HARBESON CORPS OF ENGINEERS RALPH TAYLOR PA. TURNPIKE COMM.
CLARION 3 SM CLAYSVILLE 3 W CLEARFIELD CLEAMONT 4 NW COATESVILLE 1 SM CONFLUENCE 1 SM CONFLUENCE 1 NM CONFLUENCE 1 NM CONFAUTYILLE	150 5 1512 1519 1529 1534 1589 1705 1710	CLARION LEHIGM WASHINGTON CLEARFIELO MC KEAN MC KEAN CHESTER SOMERSET FAYETTE CRAWFORO	1 41 12 9 40 37 11 40 07 16 A1 01 1 41 41 1 41 44 5 39 58 17 39 48 17 39 50 8 41 45	79 26 75 19 80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22	1114 670 1000 1100 2104 1620 342 1490 1331 1000	9A 9A	C C C C C C C C C C C C C C C C C C C	PAS ELECTPIC CO. WILLIAM J. OOTTERER MFGRS. L. + H. CO. IRA TAYLOR MRS. TILLIE M. SIMONOS MRS. TILLIE M. SIMONOS MRS. TILLIE M. SIMONOS CORPS OF ENGINEERS JOHN L. AREID S. CARLYLE SMELOON	MORGANTOWN MT GREINA 2 SE MOUNT UNION 1 N MUNELRBURK 1 SE MURRYSVILLE MYERSTOWN MATRONA LOCK 4 NEFFS MILLS 3 NE MESHAMINT FALLS NEW CASTLE 1 M	6067 F 6090 L 6111 A 6126 L 6151 A 6174 F 6194 E 6233 L	AMCASTER 41FFLIN LUZERNE LUZERNE LUZERNE LESTMOREL ANO LESANON ALLEGHENY HUNTINGOON BUCKS LAWRENCE	15 40 14 6 40 24 15 41 13 10 40 26 1A 40 22 1 40 37 6 40 40 5 40 09 2 41 01	75 54 76 26 77 53 76 DB 79 42 76 18 79 43 77 55 74 57 80 22	670 820 1110 900 480 800 900 60 825	MID MI	A Di	c c c	PA TURNPIRE COMM- PA TURNPIRE COMM- MT UNION WATER WORKS INACTIVE 2760 DAVIO C SMAW MRS-SKATHLEEN WANDELL CORPS OF ENGINEERS PA STATE UNIVERSITY PHILA- SUB- WATER - CO- LEWIS WA HANILTON GENERAL CHEMICAL CO-
CONNEAUTVILLE 6 E CONNELLSVILLE 2 E CONSHOHOCKEN CONSBURG CORADPOLIS NEVILLE IS CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 WSW	1723 1729 1737 1749 1773 1790 1806 1809	CRAMFORO FAYETTE FAYETTE MONTGOMERY CLARION ALLEGHENY ERIE POTTER POTTER TIOGA	1 41 46 17 40 01 17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 46 15 41 48	80 15 79 36 79 33 75 19 79 13 80 05 79 39 78 03 77 53 77 07	1110 870 1300 70 1180 720 1440 2020 2425 1745	5A 8A 8A 8A 8A 6P 7P 8A 8A 7A	С	MRS, PALLA J. TAUTIN MARSHALL B. MENEFEE HARRY C. JOY PHILA. ELECTRIC CO. PA. DEPT. FRST. + WIRS. PGM. COKE + CHEN. CO. RICHARO T. MOUNTAIN MISS ELIZABETH MEFF MRS. MENIETTA D DEITER CALVIN R. PACKARD	NEWELL NEWPORT NEW STANTON NEW STANTON NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE ORNELL 2 NW PALM PALMERTON	6289 6310 6326 6370 6396 6622 6681 96689 6	PERRY MESTMORELAND LEHIGH MONTGOMERY ERIE BRADFORD MONTGOMERY CARBON	14 40 41 14 40 07 8 42 12 15 41 55 14 40 26 9 40 48	79 54 76 30 77 08 79 36 75 45 75 21 79 49 76 18 75 32 75 37	780 400 980 570 75 1060 1340 385 435	MIO MI	PA ID ID IA IA IA	С	CLINTON J. ALLEN MRS. FRAMCES K. FRY PA. TURNPIRE COMM. FRED C. SOSMALO BORQUGH OF NORRISTOWN ELLSWORTH WEAVER ELMER T. MOORE FRED C. ESCHBACH NEW JERSEY ZINC CO.
CREEKSIOE CRESSON 2 SE CUSTER CITY 2 W DANVILLE DEVAULT 1 W OINGMANS FERRY OIXON OONEGAL DOVLESTOWN	1895 1978 2013 2116 2160 2171 2183 2190	INDIANA CAMBRIA MC KEAN MC KEAN MONTOUR CHESTER PIKE WYOMING WESTMORELANO WASHINGTON BUCKS	1 A0 41 6 40 27 1 41 55 15 40 58 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 18	79 12 78 34 78 41 76 37 75 33 74 52 75 57 79 23 79 52 75 08	430 750	7A 7A 7A HID MID 7A 7A HID MID 5P 5P 5P	C H	PA® TURNPIKE COMM® THOMAS A® HOTALEN HAROLO J® KUSCHEL PA® TURNPIKE COMM® THEODORE F® MATHUES GEORGE HART	PARKER PARKER 1 E PAUPACK 2 WMW PHIL DREXEL INST OF TEC PHILADOLPHIA W8 AP PHILADOLPHIA W8 AP PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH W8 AP 2	6724 6762 6879 6889 6899 6916 6927 6939 6993	PHILADELPHIA PHILADELPHIA PHILADELPHIA CENTRE CHESTER LUZERNE ALLEGHENY	5 39 53 5 39 55 6 40 54 14 40 07 15 41 18 11 40 30	79 41 79 40 75 14 75 11 75 15 75 12 76 05 75 30 76 08 80 13	7 32 1918 105 1520 1151	MID MID MID MID MID MID MID MID MID MID	10 10 10 10 7 A	C H7	LOUIS A. MALARREY P. M. NELLY MISS L. VETTERLEIN MISS L. VETTERLEIN LOUIS MEATHER BUREAU ATLANTIC REFINING CO. FED. AVIATION AGENCY PHILA. SUB. MATER COMM. HARRY SHELOON U.S. MEATHER BUREAU
DRIFTWOOD OU BOIS 7 E DUNLO DUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG EOINBORO EMPORIUM 1 N ENGLISH CENTER	2265 2298 2325 2343 2363 2466 2514 2635	CAMERON CLEARFIELD CAMBRIA SULLIVAN SULLIVAN CLARION CAMBRIA ERIE CAMERON LYCONING	16 41 20 16 41 06 4 40 17 16 41 29 16 41 24 1 40 59 4 40 29 1 41 52 16 41 32 16 41 36	78 08 78 38 78 43 76 25 76 35 79 37 78 43 80 08 78 1A 77 17	880 1670 2410 1910 2020 820 2090 1220 1560 880	5P 5P 8A 7A 7A 8A 8A 8A 7A 7A	ОСССССССССССССССССССССССССССССССССССССС	SIGNEY KENNEDY CITY OF OU BOIS MRS. D. L. WHITE ROBERT J. OBERT FRANCIS 6. HANLEY A. B. KEMPEL ROBERT A. WASSER EDINBORO ST. TCHR. COL. WILLIE M. BRITTON WILLIAM SUDERS	# PITTSBURGM WB CITY PLEASANT MOUNT 1 M PORT CLINTON POTTSVILLE PUNXSUTAMNEY PUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYMOND READING MB CITY RENOVO	7029 1 7116 3 7161 3 7217 7 7229 7 7239 8 7310 8	SCHUYLKILL SCHUYLKILL JEFFERSON ARMSTRONG BUCKS POTTER	11 40 27 5 41 44 14 40 35 14 40 42 1 40 57 1 40 55 5 40 26 13 41 52 14 40 20 16 41 20	80 00 75 27 76 02 76 11 79 00 79 17 75 20 77 52 75 58 77 45	1800 450 690 1300 1270 490 2220 266 660	8A 8 5P 3	5A 7A 5A 5A 7A	C C C C H	U.S. WEATHER BUREAU WILLIAM POLIVKA MRS. ADA E. RARICK LLOYD E. MELLER CARL E. ROTOLO CORPS OF ENGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAN JU.S. MEATHER BUREAU ELMER G. BATSCHELET
EPHRATA EOUINUNK 2 ERIE CO FIELO RSCH LAB ERIE WB AIRPORT EVERETT 1 SW FARRELL SHARON FORO CITY 4 S OAM FRANKLIN FREELANO GALETON	2671 2673 2682 2721 2814 29A2 3026 3056	LANCASTER WAYNE ERIE ERIE BEOFORD MERCER ARMSTRONG VENANGO LUZERNE POTTER	15: 40 11 5: 41 51 8: 42 13 8: 42 05 6: 40 00 2: A1 14 1: 40 43 1: 41 23 15: 41 01 16: 61 44	76 10 75 13 79 51 80 12 78 23 80 30 79 30 79 49 75 54 77 38		6P 6P 7A M10 M10 8A 8A 7P 7P 8A 8A 7P 7A 6P 8A 7A	BA C H	STARLEY L. VON NEIDA MRS. HENRIETTA MURRY FIELO RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIKE COMM. SMARON STEEL CORP. CORPS OF ENGINEERS JAMES A. RHOADS ANDREW B. EVANSHA STANLEY G. LUSH	REMOVO 5 S REM RICES LANDING L 6 RIOGMAY ROCHESTER 1 N RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 M	7425   7443   7477   7540   7727   7729   7752   7752   7739	CLINTON MC KEAN GREENE ELK BEAVER SUSQUEHANNA WARREN LANCASTER INDIANA WESTMORELAND	16 41 14 1 41 54 10 39 57 1 41 25 2 40 43 15 41 47 1 41 56 15 39 55 1 40 46 7 40 31	77 46 78 32 80 00 78 A5 80 18 76 07 79 08 76 23 79 14 79 33	2035 2250 775 1360 900 870 270 1320 1109	BA	7A 7A 7A 7A 8A 7A	c	C. F. BILLETTE EDWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIOGWAY OEOUESNE LIGHT CO- CARL KOPATZ MIKE L. FERRIE S.M. WATER POWER CORP. CORPS OF ENGINEERS MUN. AUTH. WSTMRLD. CO-
GEIGERTOWN GETYYSBURG GETYYSBURG GETYYSBURG 1 5 GIFFORO GLENCOE GLEN HAZEL 2 NE DAM GLENMOORE GLEN MOCK GLENWILLARO DASH DAM	3200 3218 3223 3231 3298 3311 3321	BERKS BUCKS AOAMS AOAMS AOAMS MC KEAN SOMERSET ELK CHESTER YORK ALLEGHENY	14 40 13 5 40 13 12 39 50 12 39 48 1 41 51 12 39 49 1 A1 34 5 40 06 15 39 48 11 40 33	75 50 74 56 77 14 77 14 78 36 78 51 78 36 75 A7 76 44 80 13	400 135 540 530 2220 1620 1725 440 620 705	8A 8A 9A 9A 7A	C C C	WALTER C. WOLF GEORGE M. MART HUGH C. MC ILHENNY NATIONAL MILITARY PARK IMACTIVE 12/39 MRS. MARY M. MARTMAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. MC MILLIAMS CORPS OF ENGINEERS	SARTON SCANDIA 2 E SCHENLEY LOCK 5 SCRANTON SCRANTON WE AIRPORT SELLERSVILLE 2 MY SHADE GAP 2 NE SHAMOKIN SHEFFIELO 5 W SHIPPENSBURG	7855 7863 7902 7905 7905 7938 7965 7978 8026 8073	HUNTINGDON NORTHUMBLAND WARREN FRANKLIN	1 41 42 15 40 03	78 15 79 01 79 40 75 A0 75 44 75 20 77 52 76 33 79 08 77 32	530 920 770 1920 709	7A MIO M	7A 10 BA	c	MRS. ALVERTA L. MOLMES OAVID R. ANDERSOM CORPS OF ENGINEERS US.S. POST OFFICE US.S. WEATHER BUREAU SELLERSVILLE WATER CO- MRS. MELEN H. PYLE ROARING CREEK WATER CO- WILDUR R. NORDIN KEITH B. ALLEN
GOULD SBORD GRATER FORD GRATER FORD GRATER FORD GREENS BURG 2 E GREENVILLE HAMOVER HARRISBURG WB AP HARRISBURG WB AP HARRISBURG NORTH HAWLEY	3435 3437 3503 3515 3526 3662 3699 3704 3756	WAYNE MONTGOMERY MONTGOMERY GREENE WESTMORELANO MERCER YORK YORK OAUPHIN WAYNE	9 41 15 14 40 14 10 39 47 10 40 18 2 41 24 15 39 48 15 40 13 15 40 18 5 41 29	75 27 75 27 75 26 79 55 79 31 80 23 76 59 76 51 76 54 75 10	880	NIO HID	G HJ		SINEMAHONING SIZEVILES SLIPPERY ROCK SKETHPORT HIGHWAY SHEO SOMERSET FAIRVIEW ST SOUTH CANAAN I NE SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE 2	8155 8184 8190 8244 8275 8308 8379 8449 8452	FRANKL IN YORK CENTRE CENTRE	16 41 19 16 41 36 2 41 04 1 41 48 17 40 01 5 41 31 12 39 51 15 39 52 16 40 48	78 05 78 11 80 03 78 27 79 05 75 24 77 30 76 52 77 52 77 52	790 1230 1345 1510 2140 1400 1520 470 1175 1180	7P	7A 7A 7A 7A 7A	C C C G	MRS. FRANCES CALDVELL MRS. AGNES LION RAYMOND E. MILLER PA. OEPT: HIGHMAYS HOWARD G. PECK EUGENE M. COOK PA. DEPT: OF HEALTH P. H. GLATFELTER CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY
HAWLEY 1 S DAM HOLLIDAYSBURG HOLLIDAYSBURG HOLLIWOO HOME HOMESOALE 4 NW HOMESOALE 6 NNW HOMESOALE 6 NNW HOMESOALE 5 NNW HOMESOALE 6 NNW HOMESO	4001 4008 4019 4041 4041 4041 4061 4151	WAYNE BLAIR WAYNE LANCASTER INDIANA WAYNE WAYNE CHESTER SUSOUEHANNA HUNTINGDON	5 41 28 6 40 26 5 41 23 15 39 50 1 40 45 5 41 37 5 41 39 5 40 06 15 41 43 6 40 29	75 11 78 24 75 26 76 20 79 06 75 19 75 17 75 56 75 43 78 01	1200 960 1360 187 1220 1410 1050 700 900 640	9A 7A 7A 7A	C C H	PA. POWER + LIGHT CO. JOHN M. RINGLER H. PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. NRS. EDNA M. BUSM GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH JS. SANAUSKAS JAMES R. GIENGER	STILLMATER DAM STOYSTOHN STRAUSSTOWN STRONGSTOWN STROUGSBURG STUMP CREEK SUNBURY SUSQUEHANNA TAMAQUA TAMAQUA TAMAQUA TAMAQUA TAMAQUA	8560 8570 8589 8596 8610 8668 8692 8758 8763	SUSQUE HANNA SOMERSET BERKS INCIANA MONROE JEFFERSON NORTHUMBLAND SUSQUEHANNA SCHUYLK ILL SCHUYLK ILL	15 41 5T 14 40 48 14 40 51	75 29 78 57 76 11 78 55 75 12 78 50 76 47 75 36 75 58 75 59	1645 1800 600 1880 A80 1320 480 1020 830 1120	11P-1	1 P 7 A 7 A 7 A 8 A	c c c c	CORPS OF ENGINEERS VERNOM MODE ALONG KLAMP HARRY F. BENNETT WILLIAM MAGERTY CORPS OF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTMER VALLEY WTR. CO.
HUNTSOALE HYNOMAN INDIANA 3 SE JACKSON SUMHIT JAMESTONN 2 NM JERSEY SHORE # JOHNSTONN JOHNSTONN JOHNSTONN KARE 1 NNE KARTHAUS	4304 4304 4365 4365 4365 4365 4365	CUMBERLANO BEOFORD BEOFORD INDIANA TIOGA CHAMFORD CHAMFORD CAMBRIA CAMBRIA CAMBRIA CAMBRIA CACEAN CLEARFIELO	15 40 06 12 39 A9 4 40 36 15 41 57 2 41 30 16 41 12 4 40 20 4 40 19 1 41 41 16 41 07	77 01 80 28 77 15 78 55	610 960 1102 1690 1050 541 1214 1275 1750 950	8A 7A 7A 9A 9A 8A 8A 7A	C H C C H	METRO P. DOROSH DORADL LEHMAN CLYMER WATER SVC. CO. ARCHIE LAIN PA. DEPT. FRST. * WTRS. GEORGE R. WAODELL JOHNSTOWN TRIBUME CITY OF JOHNSTOWN RUDOLPH A. ANDERSON WILLIAM J. HOWE	TAMARACK 2 S FIRE TWR TIONESTA 2 SE OAM TITUSYTLLE TITUSYTLLE WATER WORKS TORPHANNA TORPEOO 6 W TOWANOA 1 ESE TOWER CITY 1 S TROY TUNNELTON	8873 8885 8888 8893 8901 8905	CLINTON FOREST CRAWFORD CRAWFORD NONROE WARREN BRADFORD SCHUYLKILL BRADFORD 1NDIANA	16 41 24 1 41 29 1 41 38 1 41 38 5 A1 11 1 A1 47 15 41 45 15 40 34 15 41 47 4 40 27	77 51 79 26 79 40 79 42 75 25 79 32 76 25 76 33 76 47 79 23	2220 1200 1550 1220 1950 1735 745 790 1100 890	7P 5P	7A 8A 7P 5P 7A 7A 7A	C H C H	CLOSEO 9/1/61 CORPS OF EMGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRADY MRS. LILLY 8. GARBER LEVERN ROOT JOHN MURRY: JR. JENNIE L. BALLARO MRS. MARY E. WEIMER

### STATION INDEX

STATION	g COUNTY	ATHUDE	LONGITUDE	ATTON	T.	ERVI IME I TABL		OBSERVER	STATION	EX NO.	COUNTY	AGE 1	TUDE	TUDE	NOLLY		SERVA TIME A: TABLE	ND	OBSERVER
	<b>I</b>	DRAIN	LONG	ELEV	TEME	PRECO	SPECIAL			BUDE		DRAIN	LAT	LONG	EEV	TEMP.	PRECTP.	SPECIAL	OBSERVER
BILEPOINT A NE RONE A NE BALO FAGLE ION CITY FILT PLANT SONTOWN MORGREFT ROINVILLE REPH SHENGTON TROOPING TROOP	9022 BLAIR 9022 BLAIR 9022 ERIE 9030 PAYETTE 912B WESTHORELANO 912B WESTHORELANO 912B WARREN 9912 WASHINGTON 9545 NORTHUMBLAND 9397 GREENE	1 41 4 9 40 4 1 41 9 10 99 4 77 40 3 1 4 6 9 11 40 1 1n 41 0 10 99 4	TO 12 TO 48 TO 46 TO 46 TO 46 TO 52 TO 08 1 TO 08 1 BO 14 TO 52	1640 1020 1400 1040 800 330 1280 1200 490 940	eP TP	ep.	С	ROBERT O. STRAIT FROMERICE L. FRIDAY HAROLO W. HAMHONO WHO. W. MARSTELLER UNITED ENG FRORT.,CO. HRS. HARY M. WRIGHT GILDERT M. RELER PA. OFFF. HIGHWAYS WILLIAM BIRO ROROGGO OF WAYNESBURG	WIND GAP WOLFSRURG YORK 5 SYW PUMP STA YORK 2 S FILTER PLANT YORK HAVEN YOUNGSVILLE ZIOM GROVE ZIOMSVILLE 3 SE	9823 9933 9938 9950 9966	NORTHAMPTON BEOFORO YORK YORK YORK WARREN SCHUYLETLL LEMIGH	19 19 19 19		T9 18 T8 32 76 45 T6 44 76 43 79 19 T6 13 79 21	990 640 310 1229	5 P	7A 5P 8A TA 6A	c c	MRS. MARY D. MOFLZE WALTER CO. RICE YORK WATER COMPANY YORK WATER COMPANY METROPOLITAN EDISON HENRY CARLETT JAMES D. TEETER LESLIF MOMATE
LIAMERURO	9409 TIOGA 9494 CHESTER W380 FULTOM 9403 CHESTER 9307 FOREST 9655 ARMSTRONG 9702 LAZERNE 9714 BLAIR 9728 LYCOMING	16 41 4 5 39 5 12 39 4 5 39 4 1 41 3 1 40 4 19 41 1 6 40 7	75 36 76 05 75 48 79 25 79 24 75 52 76 12	440 920 450 1090 1530 810 860		84 8A 7A 7A		MARION L. SHUMWAY OAILY LOCAL MEMS HRS. OORA I. LYMCH COMARO-PYLE CO. HRS. HOLEN F. E. INMERE CORPS OF EMGINERS MRS. MARE G. MIRMAK MYRON K. BLOOLE U.S. WESTHER MURRAU											

### REFERENCE NOTES

Additional information regarding the climate of pennsylvania may be obtained by writing to the State Climatologist at Reather Bureau Airport Station, Harrinburg State Airport, New Cumberland, pennsylvania, or to any Reather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Wonthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this iss

Oivisions ac used in "Climatological Oata" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletim are: Temperature in "F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Reather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Rind" Table. Wax and Win in "Evaporation and Rind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Rater equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, alect and lea

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Rind" Table; and enoviall in the "Snowfall and Snow on Ground" Table, when published, daylight saving time. During the summer months some observers take the observations on

Snow on ground in the "Snowfall and Snow on Ground" Table ie at observation time for all except Weather Bureau and FAA stations. For these statione snow on ground walues are at 7:00 a.m., E.S.T

- In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following: C Recording Rain Gage Station. Hourly precipitation values are processed for special purposee, and are published later in "Hourly Precipitation Oats" Bulletin. G "Soil Temperature Table. On the Company of the Company

- OTHER REFERENCE NOTES

  No record in the "Climatological Data" Table and the "Daily Teaperature" Table is indicated by no entry.
  Interpolated values for southly precipitation totals say he found in the annual issue of this publication.
  No record in the Supplemental Online Table; "Only Precipitation Table; "Paporation and Rind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
  And also on an earlier date or dates.
  Restart Observed one sinute wind speed. This station is not equipped with automatic wind instruments.
  Thermometers are generally exposed in a shelter located for the distribution unknown.
  Thermometers are generally exposed in a shelter located for the record of a building.
  Gage is equipped with a windsbield.
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  Adjusted to a full month,
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  Adjusted to a full month,
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  Weather conditions in the U. S. for each month at Mannatary and STORM ONTA, all of which

General weather conditions in the U. S. for each month are described in the publications MONTHLY REATHER REVIEW, MONTHLY CLIMATOLOGICAL OATA-MATIONAL SUBMARY, and STORM OATA, all of which may be obtained from the Superintendent of Occuments, Government Printing Office, Washington 25, O. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation Hietory" for this state. That publication may be obtained from the Superintendent of Occuments, Government Printing Office, Rashington 25, O. C. for 65 cents. Similar information for regular Reather Bureau stations may be found in the latest annual issue of Local Climatological Outs for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and accusal; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Rashington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 9/10/62 --- 1075



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### U. S. DEPARTMENT OF COMMERCE

WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

## CLIMATOLOGICAL DATA

PENNSYLVANIA

AUGUST 1962 Volume 67 No. 8



OCT 17 199?

### PENNSYLVANIA - AUGUST 1962

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 104° on the 20th at Carlisle.

Lowest Temperature: 31° on the 18th at Clermont 4 NW.

Greatest Total Precipitation: 8.82 inches at Philadelphia Drexel Inst. of Tech.

Least Total Precipitation: 0.47 inch at Arendtsville.

Greatest One-day Precipitation: 5.28 inches on the 28th

at Shamokin.

### SPECIAL WEATHER SUMMARY

Frequent showers and thunderstorms during August provided the most generous rainfall since March over a large segment of Pennsylvania. Many eastern counties which were among the driest in the state received more rain this month than in June and July combined. Amounts totaled anywhere from near to twice normal to ease and in a number of places virtually end one of the longest and driest spring-summer seasons since the turn of the century. Improvement in the general moisture situation was noticeable most everywhere in eastern sections as vegetation took on a more normal appearance. Pastures and lawns turned green and crops not already fatally injured again began to grow and mature although yields were reduced by the earlier dryness. The increased rainfall was not reflected in the streams and rivers, however, as they remained at near record low levels throughout the month.

In central and western Pennsylvania the rainfall pattern was more 'spotty'. A few widely scattered places reported normal to above normal amounts, but for the most part, the 60% to 80% of normal trend in evidence during previous months continued through August. Many places in southwestern, southcentral and portions of central counties received less than 1.50

inches of rain during August. Arendtsville in Adams County received only .47 inch for the entire month. For these areas the drought continued unabated through the 5th month.

Rainfall for the summer months (June, July & August) totaled from more than 16 inches in the extreme southeast to less than 5 inches in central counties. Except for a few widely scattered localities the only other area to receive slightly more than normal amounts was the northwest. Over the majority of the state summer rainfall was only 60% to 80% of normal with the dry northeast receiving up to 50% of the three month total during August.

Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

# CLIMATOLOGICAL DATA

PENNSYLVANIA AUGUST 1962

	_				Ter	npera	ture											Preci	pitation					
											L	No. o	f Doy	/3					Sno	w, Sleet			No. of	Doys
Station		Average	Average	Average	Departure Fram Normal	Highest	Date	Lowest	Date	Degree Days	$\vdash$	32° or Below		Bolow	Tatol	Departure Fram Normal	Greatest Day	Dote	Total	Max. Depth an Graund	Date	.10 or More	.50 or More	1.00 or More
POCONO MOUNTAINS																								
AR CREEK DAM REELANO WLEY EASANT MOUNT 1 W ERANTON RANTON WB AIRPORT ROUOSBURG DBYHANNA		76.0 76.7 79.6 75.0 81.7 80.6 81.3 75.4	53.2 58.4 52.8 51.0 58.1 60.1 54.6 53.4	64.6 67.6 66.2 63.0 69.9 70.4 68.0 64.4	- 0.8 - 0.8 1.4 - 2.5	88 87 91 87 94 91 91 86	21 21 21 20 20	50 42 40 46 50 44	19 12 19 19+ 19 18 19	68 15 40 96 16 10 22 67	0 1 0 3 2	00000	0 0 0 0 0 0 0	00000000	6.66 7.84 2.01 4.33 4.28 4.05 3.57 5.24	3.57 - 2.27 .21 .42 .47 - 1.00 01	3.00 3.80 .74 1.42 1.22 1.53 .80 2.31	28 28 28 28 27 7	.0 .0 .0 .0 .0	000000000000000000000000000000000000000		7 5 6 9 9 6 6 7	3 3 3 5	3 2 0 1 2 1 0
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ATESVILLE 1 SW VAULT 1 W HARATA ORGE SCHOOL ATERFORO 1 E LTWOOD NCASTER 2NE PUMP STA NOISVILLE 2 NW BANON 3 W RCUS HOOK RGANTOWN GRETNA 2 SE RRISTOWN 1L OREXEL INST OF TEC ILAOELPHIA WB AP ILAOELPHIA PT BREEZE OENIXVILLE 1 E AKERTOWN 1 E AOING WB CITY R ST CHESTER	1	83.1 81.9 82.6 81.0 81.5 82.7 83.4 80.9 81.7 83.6 81.1 81.7 83.9 82.8 81.8 83.0 M 82.9 83.1 84.4	59.2 57.9 60.5 59.5 57.3 64.7 56.9 60.0 60.2 57.4 62.9 65.5 62.9 65.5 62.9 65.5 63.9 63.9 63.9 63.9	71.2 69.9 71.6 70.3 69.4 73.7 70.2 70.5 71.3 75.0 70.7 69.6 73.4 74.2 72.0 M 70.4 73.5 72.1	- 1.6 - 2.1 - 2.6 - 2.0 - 2.2 - 1.6 - 2.1 - 1.6 - 0.9 - 0.2 - 1.3 - 1.4	95	20 21 7 21 20 20 21 21 20 20 20 20 20 20 20 20 20		25+ 24 12 25+ 24+ 24+ 11+ 24 11 12 11+ 23 24+ 12	10 13 5 15 19 0 8 8 7 4 6 6 9 5 5 4 4 5	54212363342355343355	000000000000000000000000000000000000000		000000000000000000000000000000000000000	2 · 95 4 · 36 4 · 24 6 · 59 4 · 68 3 · 38 5 · 61 4 · 61 3 · 99 8 · 82 6 · 58 7 · 84 2 · 80 5 · 12 3 · 53 6 · 05	- 2.11 47 1.85 83 .67 29 .43 1.95 3.29 - 2.18 .27 52 .92	.73 2.20 1.92 2.91 1.32 1.72 2.00 1.04 1.29 2.36 1.30 1.56 1.27 2.66 2.21 2.49 1.43 1.26 1.84 3.58	10 9 28 11 9 10 9 10 9 11 28 9 28 10 28	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			7 7 7 7 6 7 7 7 8 8 7 7 7 6 7 9 8 8 5 8 7 6	54234232543252	
OIVISION OWER SUSOUEHANNA				71.8	- 1.9										4.89	• 23			•0					
ENOTSVILLE OSERVILLE 1 N RIISLE AMBERSBURG 1 ESE TTYSBURG NOVER RRISBURG WB AP RRECERSBURG IPPENSBURG RS SSW PUMP STA		85.5 82.6 86.6 85.1 84.0 84.3 83.8 85.4 86.8	59.2 60.3 59.4 56.8 60.5 61.2 62.1 57.7 59.6 59.4	72.4 71.5 73.0 71.0 72.3 72.8 73.0 71.6 73.2 72.8	- 1.0 - 0.6	99 104 101 101 98 100 102	21 21 20 21 20	51 50 49 46 51 52 53 47 50 48	18 18 15 12 15 18 18	2 4 0 3 4 4 3 6 0 0	7 2 11 6 4 4 5 9 8	000000000	0 0 0 0 0 0 0 0 0	000000000	.47 3.19 2.32 1.28 1.06 2.73 4.18 2.45 1.37 1.86	- 3.87 - 1.66 - 1.73 - 2.80 - 3.16 - 1.41 .53 - 1.11	1.51 1.49	10 28 28 28 28 28 9 9 9 28 7	.0 .0 .0 .0 .0	0000000000		2 7 3 3 3 8 3 3 4	3 3 1 0 2 3 2 2	0
OIVISION IDOLE SUSQUEHANNA				72 • 4	- 1.0										2 • 09	- 2.07			•0					
RWICK SLISH CENTER WISTOWN LLVILLE 2 SW #PORT NBURY KER CITY 1 S LIAMSPORT WB AP OIVISION		83.3 80.8M 85.2 80.4M 84.9 84.3 80.3 81.8	58.9 49.0M 57.5 55.1M 58.2 56.8 56.0M 58.8	71.1 64.9M 71.4 67.8M 71.6 70.6 68.2M 70.3	- 1.3	94 91 99 92 99 99	31+ 21 21 21 21 21		24 23+ 19+ 18 19	7 60 3 27 3 5 29 7	3 3 6 2 9 5 2 4	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0000000	5.62 2.19 3.14 4.64 5.53 6.54 7.04 4.55	1.422.68	2.30 .90 .95 2.24 2.50 3.12 3.25 1.69	7 22 28 28 28 10	.0	0 0 0 0 0 0		7 5 6 7 8 6 7	3 1 3 3 3 3 2 3	0 0 1 1 2 2
PPER SUSOUEHANNA				09+3	- 2.1										4.91	1.03			•0					
STINBURG 2 W NTON 1 NW CON SLES MERE WRENCEVILLE 2 S NTROSE NANOA 1 ESE LSBORO 3 S		78.5 75.8 80.8 73.2 81.4 76.3 81.3 76.2	50.9 53.2 53.1 55.4 53.2 53.1 54.4 53.5	64.7 64.5 67.0 64.3 67.3 64.7 67.9 64.9	- 1.3 - 1.6	97 89 92 86 92 88 93 89	21 21 21 20 21 31	37 43 42 45 38 41 41 43	18 20+ 19+ 19 19+	70 70 34 68 27 68 28 59	1 0 2 0 3 0 4 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	4.30 1.82 4.91 3.91 3.01 4.51 2.14 1.97	94 - 1.19	1.96 .73 1.60	6 7 10 28 27 10 14 28	.0 .0 .0 .0	0 0 0 0 0 0 0 0			1 2 2 2 2 3 1 1 1 1	0 2 1 0 1
OIVISION ENTRAL MOUNTAINS				65•7	- 2.1										3 • 32	- •61			•0					
LLEFONTE 4 S BOIS 7 E PORTUM 1 N K HAVEN DERA LIPSBURG FAA AP		82.6 80.2 76.9 83.5 78.4 76.2	51.9 53.1 49.1 54.7 49.3 52.3	67.3 66.7 63.0 69.1 63.9 64.3	- 2.6	95 89 88 95 90 88	20+ 31+ 7	42 40 37 45 38 39	18 23 23 19+	32 38 97 15 77 78	3 0 0 5	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	1.24 3.89 1.60 4.07 2.11 2.95	•18		14 21 21 28	.0	0 0 0 0 0		8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0

# CLIMATOLOGICAL DATA

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Station	Average Maximum	Average Minimum	Average	Departure Fram Narmal	Highest	Date	Lawest	Date	Degree Days	90° ar Above		32° or Below	Below u	Tatal	Departure Fram Normal	Greatest Day	Date	Tatal	Max, Depth an Graund	Date	.10 ar Mare	.50 ar Mare	1.00 or Mare
RENOVO RIDGWAY STATE COLLEGE	83.6 79.4 80.5	52.2 50.6 58.2	67.9 65.0 69.4	- 1.8 - 0.8	95 90 92	21 7 21	42 40 47		22 56 15	1 2	0	0 0 0	0 0 0	4.98 5.16 1.57	1.80 1.66 - 1.96	1.82 2.29 .76	21	•0	0 0		4 8 3	4	2 1 0
DIVISION			66•3	- 2.0							ı			3.06	71			•0					
SOUTH CENTRAL MOUNTAINS																							
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW JOHNSTOWN KEGG MARTINSBURG FAA AP	81.8 84.8 80.2 83.8 84.2 82.9 82.3	55.5 56.8 54.5 56.8 54.4 55.5 57.4	68.7 70.8 67.4 70.3 69.3 69.2 69.9	- 0.7 0.1 - 2.2	94 99 90 94 96 95 97	31+ 21+ 31+ 21 21 20 20	45 45 44 46 45	18 18+ 15 18 18 18	15 20 7 6 10 13	4 6 3 3 2 4 4	0 0 0 0 0 0	000000	0000000	1.86 2.80 1.94 .99 2.76 3.58 1.53	- 1.86 - 2.15 - 1.34		28+ 10 10 9	•0 •0 •0 •0	000000		3 7 5 3 4 8 4	3 2 1 3 4	0 0 0 0 0 0 0
DIVISION			69.4	- 0.8								ļ		2.21	- 1.63			•0					
SOUTHWEST PLATEAU																							
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W BUTLER CLAYSVILLE 3 W CONFLUENCE 1 SW OAM OONEGAL DONORA FORO CITY 4 S OAM INDIANA 3 SE MARION CENTER 2 SE MARION CENTER 2 SE MONTGOMERY LOCK AND OAM NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNETYVILLE 2 SE DAM SALINA 3 W SLIPPERY ROCK STOYSTOWN UNIONTOWN WAYNESBURG 1 E	84.7 78.9 82.8 83.7M 85.1 82.4 80.9 82.9 82.9 82.5 85.8 86.1 86.1 88.1 84.6 81.9 83.7 84.6 81.9 83.7	58.0 58.0 51.7 52.8M 54.5 53.3 60.3 60.3 53.9 54.1 55.4 63.1 55.4 63.1 57.9 63.1 53.8 57.9 63.1 53.8 57.9 63.1 53.8 57.9 63.1 53.8 57.9 63.1 53.8 57.9 63.1 57.9 63.1 57.9 63.1	71.4 68.5 67.3 68.3 68.1 67.1 73.3 68.4 68.2 71.6 70.8 73.9 67.6 68.2 71.6 70.8 73.9 67.6	- 2.3 - 0.6 - 0.9 - 0.3 - 0.1	94 91 95 92 95 97 92 97 92 97 92 97 96 95 96 95 96 97 98 98	21 20 21 20 21 31+ 31 20 30 21 20 20 21 31+ 31 20 20 21 20 20 21 20 21 20 21 20 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	39 42 38 46 44 40 42 44 41 53 41 45 52 43 42	18 18 18 18 18 18 18 18 18 18 18 18 18 1	16 23 43 29 13 22 34 5 22 18 25 4 13 0 10 12 0 30 15 7 9	2 7 7 11 8 5 6 3 4 1 1 3	00000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2.87 3.78 1.922 2.25 3.56 1.89 3.01 1.96 2.53 3.4.49 3.4.49 2.57 4.02 2.57 3.16 2.39 3.93 1.03 3.56 1.56 2.57 3.56 2.57 4.76 2.57	- 1.21 17 - 1.95 - 2.10 74 34	.80 1.80 .98 .89 .71 1.40 .36 .57 2.13	9 10 27 13 13 9 6 5 7 7 27 13 13 13 13 13 13 13 13 13 13 13 13 13	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	000000000000000000000000000000000000000		56555386898655567764457	2 1 2 1 2	11100002000000110000011100200
DIVISION			69•7	- 0.9										2.76	- 1.19			.0					
NORTHWEST PLATEAU  BRADFORD FAA AIRPORT BRADFORD 4 W RES CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE CORY COUDERSPORT 3 NW DUBOIS FAA AIRPORT EAST BRADY ERIE WB AIRPORT FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEAOVILLE 1 S MERCER 2 NNE TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN DIVISION	75.3 78.0 81.9 77.5 81.4 79.5 76.5 76.5 86.8 78.3 86.0 82.1 81.9 78.2 83.8 77.4 80.9	50.9 48.7 50.6 50.2 53.1 47.0 55.3 55.6 59.6 59.3 55.5 55.5 55.5 55.2 46.6 54.0 52.8 49.2 55.3	63.1 63.4 66.3 63.9 67.3 66.3 61.8 67.3 71.2 69.0 72.7 69.00 71.0 68.6 62.4 66.9 66.3 63.3 68.1	- 0.1 - 0.8 - 0.2 - 0.2 - 0.8 - 1.8	85 87 91 90 89 90 95 91 92 89 93 90 88 87 91 88 79	30 31 6 27+ 31 30 6 20 31 30+ 31+ 20 5 7 31 31+ 7	35 37 31 39 38 34 44 42 49 45 40 38 33 40	18 18+ 18 18 19 19+ 18 18 18	101 92 43 90 53 48 131 31 31 6 14 10 44 112 31 36 88 18	0 1 0 1 8 1 1 1 0 9 1 0 0 0 3 0 0	000000000000000000000000000000000000000	000100000000000000000000000000000000000		1.65 1.82 2.84 2.59 3.04 1.42 2.09 2.42 2.38 4.56 1.59 3.05 1.79 2.38 2.16 3.24 1.84	1.58 - 2.30 06 - 2.00 - 1.16 - 25	1.66 .33 .55 .66 1.00 3 1.99 0 1.00 1.01 1.23 .44 1.44 1.44 1.44 2.00 1.77 .63	9 13 27 5 21 7 27 28 9 27 8 27 8 6 7 21 8 21 21 27 7 27	.00			55785555563 45754555	1 1 2 1 2 0 1 3 2 2 1 2 1 1 0 3 2 3 2 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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Station	Total	1	2 3	4	5	6	7	8 9	10	11 11	-	y of M	fonth 15	16	17	18	19	20	21	22	23 24	25	26 2	28	29	30	31
ALMETONIA LOCK 3 ALLENTOWN WB AP ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE	3 · 24 6 · 3 · 5 5 · 3 · 6 1 · 8 · 6			•23 T	.02 .29 .84	.30	.03 1.59 .07 .05	.56 .	74 .50 80 .66 40 .56 43 .27	• D9	•2 T	ð T	lan-	.76	T T • 56	.05		•36 •01	.44 .44 .45	.28 .29	1		1:	1.66	2 7 5 7		
AUSTINBURG 2 W BAKERSTOWN 3 WHW BARRES BEAR CREEK DAM BEAR GAP	4.30 2.87 1.63 6.66 5.00	.03			*04 *18	2.50 •02	.06 1		01 .08 16 1.32 55 .25	•10 •05 •	T +6		•04		† •22 •10			·03	.35 .72 .40 .47	.05				-00 -4: 13 -0: 55 T 3-00	02		
BEAVER FALLS BEAVERTOWN BECHTELSWILLE BELLEFONTE & S BERWICK	1.60 2.68 5.83 1.24 3.62			T	T • 0 5 T	•07	.08	•11 T	.10 .87 03 1.25	•16 •85 •02	• 3	5 T •37 T	T			.12 .01 .32		•05 T	.16 .19 T	• 22 • 08 • 44 • 09				2 • 10 • 7 • 7 • 7 • 7 • 2	7		
SETHLENEM SETHLENEM LENIGH UNIV SLAIRSVILLE 6 ENE SLDSERVILLE 1 N SOSWELL 1 SV	6.57 6.71 3.78 3.19			.19	• 40	.58	* 1 1.27 .13 .25	.26 1.0 .07 1.:	43 .62 00 .50 31 T 02 .69	• 70 • 06 • 10	• 4	.11		•18	.03 .74 .55			•02	.72 .44 .28 .93	• 22			•	2.30 2.12 2.23	.04		
BRADDOCK LOCK 2 BRADFORD FAA AIRPORT BRADFORD CRIRL FIRE S BRADFORD & W RES BREZEWOOD	2.41 1.65 1.89 1.82 2.33			.35		•12	•09	T .:	11 •49 36 •16 •05 09 •01 08 •07	•04	.1 .8 .2 .0.	6 T 5 •01 2 •63 9 •08	.02	т	.02 .11 .13	T	т		.15 .28 T .20	.12				4 .03 4 T 52 T 6 .04	T		•02
BRUCETON 1 S BUFFALO NILLS BURGETISTOWN 2 W BURNT CABINS 2 NE BUTLER	3.67 2.15 1.92 2.80 2.25			• 40		·14	.01 .04 .10		40 .98 28 .80 25 .45 77 .30		•5 •9 •0 •3	5 3 •25 4 •09 •11			•06			.05	.22 .42 .50	.50				0 .01 .02			
CAMP KLINE CANTON 1 NW CARLISLE CARROLLTOWN 2 SSE CARTER CAMP 2 W	3.56 1.82 2.32 2.14 1.60	T T			•15	.45	.68 .67	•14 •1 •25 T •6	13 .12 T 02 .78	•07 •04 •05	7	•60 •35	Т		.04				.83 .16 .52	•21			٠	1.18 .18 1.16			
CEDAR RUN CMADDS FORD CMAMBERSBURG 1 ESE CMARLEROI LOCK 4 CLARENCE 1 E	- 4.43 1.28 1.72 3.91	.05	т.	T •01		T . 73	.50 .18 .03	•10 T •28 1•2	.12 1.48 30 .03 .16		+26		•03	-	- * 70 T	T	-	-	.34 - .06 .14	- •19		-		.78	-	-	-
CLARION 3 SW CLAVSSVILLE CLAYSVILLE 3 W CLEAMFIELD CLEMMONT 4 NW	2.84 7.55 3.56 3.22 2.59	.04			·23	.06	•15 1•59 2 •02 •20	·29	38 28 •69 15 •04 •54	•03 T	1.52	•02	T	T	.18	.19			.88 .03 .42 .43	.04 .03 .05	т		T .4	0 .54	т	T	Т .
COAFESVILLE 1 SW COMPLUENCE 1 SW DAM COMPLUENCE 1 NW COMMEAUTVILLE COMMEAUTVILLE 6 E	2.95 1.89 1.94 3.04	•08 •27		*01	•12 •80	• 02 T	.01	•24 •6 T •0 T	02 •37 •07	•04 •73	• 20 • 45 • 28 • 25	• 03 • 07 • • 08			.12 T .01			T T	.12 T .03 .23	• 23 • 03 • 02			•:			ı	
COMMELLSVILLE COMAMOHOCKEN CORAOPOLIS NEVILLE IS CORRY COUPERSPORT 3 NW	1.80			-	-	.05	T - •09	•35 •0 •19 •6 •08 •2	15 .33 .61 -	•05 •04 •56	•55 •20	•08	•02	т	.13 .05 .72 .19	.05			.51 .13 .63	.05 .31 .30 T				1.11			
COUDERSPORT 6 E COVINGTOM 2 WSW CREEKSIDE CRESSON 2 SE DANVILLE	2.09 1.83 1.82 4.02 1.66 7.10	.06 1	r		1.05	• 0 %	•18 •39 •46 •06	•33 •55 T •06 •0		• 04 T • 03 • 18	•13	•32 •11	•04 T		•10			.06 .14 T	.23 .27 .23 .50	T .22			•(	7 •50 •31 •98	Ţ	ł	
OEYAULT 1 W DIAON DONEGAL DONORA DOYLESTOWN	4.36 4.91 3.01 1.96 5.80	.07		•05 •28 T	•02 •28 •38	•04	•10 •10 •14	.90 .1 .69 .23 .4 .17 .7	6 2.20 2.03 7 .10	•10	•88				т	T		.37 .26	.88 .21 .23 .61	.14			• 5	3.53 2 .15 1.38			
DUBOIS FAA AIRPORT DU BOIS 7 E EAGLES MÉRE EAST BRADY ERFMSAURG	2.42 3.89 3.91 2.38 1.94	T T		T T T	•05 •25		•25 •76 •47 •16	.6 .4 .17	9 •02 •05 •58	•94	•51 •10	1.10	T	•06	•22 T •04			.51	.25 .03 .45 .48	т			1.0	2.03 9 0	Т		ĭ
EMPORIUM 1 M ENGLISM CENTER EPMRATA EOUINUME 2 ERIE WB AIRPORT	1.60 2.19 4.24 3.89 4.56	T		•18 T	•28		•06 •90 1	18 .0 .39 1.9	·14 ·65 ·33	.05 T .07		•49	•03			•07		т	.20 .44 .30 .23	.25			•0	7 2 .23 .30		•02	
EVERETT 1 SW FARRELL SHARON FORD CITY 4 S DAM FRANKLIN FREELAND	.99 1.59 2.53 3.05			т	•01 •57	26 07 58	.17	•01 •02 •02 •01	0 •05 5 T	•1	•20 •50 •17	•16 T		•10	•06	• 0 3		•15	T	•11			.06 .1 .2 .2	5 .06		•02	Т
SALETON SEORGE SCHOOL SETTYSBURG SLEN MAZEL 2 NE DAM SLENWILLARO OASN OAM	7.84 2.91 6.59 1.06 3.91	.03		т	.05 .04 .06		.45 e	15 40 •71 T	+ •35 4 •15	•93 •13 •02	•22	•24 •33	•03		.03 .03 .52	. 10		•09 •11 •02	.30	•05			•1	3.80 .09 2.91 .38			
GOULDSORO GOULDSORO GRATERFORO GRATERFORO GRATERFORO GREENSBORO LOCK 7 GREENVILLE	6.51 4.40 4.68 2.11	•08		•02	•22 Ţ •	0+	.25 . .19 .	1 • 0 9 53 • 26 14 • 46 15 • 53 • 0 9	6 .49 6 1.34 2 1.25 9 .85	.49 1.11	•31		+01		•06 1			•11 •05 •05	.48 .62 .03	.28 .03 .12 .12 .31			• 1	3.38 .88 1.08	.02		
MANOVER MARRISBURG WB AP R MARRISBURG MORTM MAWLEY MOLLISTERVILLE	2.73 4.18 5.35 2.01	•06		•27	.08 .37 .05	3 0	•50 •	20	9 •23 2 1•75 •23	•33 T •04 •13 T	•07	•06 •05 •04			.09	.02	Т	.01	.73		•04		•0	.06 7 1.31			•
OLTWOOD HONESDALE 4 NW HONEY BROOK 1 W HOP BOTTOM 2 SE	3 · 8 2 3 · 3 8 4 · 3 2 3 · 9 9 4 · 0 7	.41		T .07	•02 •07 •33 •14 •12	ľ	.06 .71 .54	53	2 •19 •45 3 1•12 1•10	•26 T •52 •22 •51 •24		•09			т .	.34		*12 T *06	37	•06 •18				.74 1.36 T 1.16	.35	.05	•
IYNDMAN NDIANA 3 SE JAMESTOWN 2 NW JERSEY SHORE	1.48 4.01 4.49 2.38 1.76	.01 .03		•06	.78 1.53 .01	03 55 02	.27 . .08 .30 T .36		9 .65 7 1.88 5 .67	•06 T •0 •49 •03 •04	1 •10 •27 •28	.43 .12	•07		.02			1.	10 20 34	•16 •28			• <sup>0</sup>	2			
AME 1 NNE ARTHAUS EGG ITTANNING LOCK 7	2.76 2.16 3.21 3.58 3.89	Ţ		•70 2•10	.60	32	.04 .34 .32	.90 02 05 .03 35 .90	3 .45	•09 T	•05 •17 •59 •20	•06 •15	•05		.33				30	T T			.4	• 38			•
AKE MINISINK AKEVILLE 1 MME	3 • 4 2 4 • 6 4 3 • 7 5 5 • 6 1	•06 •04 •12		•43	.40 .26 T		.14	27 •12 91 •60	.54	•40 •16 T •61	*20	•06				.07		•07 •24 •11	-9.1	•09			. 5 T				
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Station	Total	1 0			-				0	10	,,	10		of M			10	10	10	20 0						1		
LANOISVILLE 2 NW LAWRENCEVILLE 2 S LEBANON 3 W LEHIGHTON	4+61 3+01 3+98 2+81	1 2 T • 31	3	•04	5 1 05 05	6 T	7 .78 .63 .03	*22 T *41 *22	9 1:04 7 •21 •15	.93 .21 1.29 .50	*37 *02 *16 *18	12	.02	•45	15	16	.09	18		•02 •03 T	.05 .31 .18	.25	23   :	24	25   26	.73	.04 .30 .89	29 30
LE ROY  LEWIS RUN 3 SE  LEWISTOWN  LOCK HAVEN	2.74 1.68 3.14 4.07	.36 .05			•09	.04	.68 .55	۰07 ۵07	T •39	.34 .60 .23	•03 •21 •05 •02	•06	*01	•75 •14 •48 •47	•02			•01		.05	. 13 . 20 . 68	.95 .01				• 33	.32	•
LONG PONO 2 W LYNCH MAOERA MAHAFFEY	4.61 2.59 2.11 2.38	• 14		402	.92 .08	• 02	•10 •20 •22 •05	•24 •05 •16 •15	.04 .40	.47 .24 .47	•75 •20 •02 •05		.21 .03	•03 •12 •23 •15	•06		•03				.32 .80	•02				•55	.39	.38
MAPLE GLEN MAPLETON GEPOT MARCUS HOOK MARION CENTER 2 SE	5.43 1.73 5.49				•07	•33	T •13	a 43	.96 .03 2.36	•58 •52 •30	1.08		•28	•15 •29	·	•01	.01 .26			•09	.24 .01 .15	.08 .20 .13				• 02	.29 1.80 .63 .65	•04
MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT	1.53 3.63 1.71 1.79	.06		• 03	•30 •34 T	.30	15 •15 •21	•01 •51	•74 •48 •09	.46	441 429		•17	•09			•02 T	.01		•23	.34 .01 .32	•11				.08 T	.09 1.01 .80	τ
MEAOVILLE 1 S MEDIX RUN MERCER 2 NNE MERCERSBURG MEYERSOALE	3.71 2.79 2.73 2.45 1.83	.01 .01 .60			.01	T • 47	.78 .26	T •24	+04 +34 T +18	•13 T	T T •05 •61		.08 .01 .35	•17 •49 •08 •03 •30	†°01		•20 •01 •20			т 1	.95	• 05				1.47 .01 1.45	7 •10 1•29	т
MILANVILLE MILLHEIM MILLVILLE 2 SW MILROY	2.86 2.56 4.64 1.87	• 14 • 04 T			• 53 T	т	T •31 •01 T	413 405 434	.01	•21 •33 •74 •75	•09 T •27			T •54 •37 •21				•14 T		•02	.59 .42 .58	.10 .06					.70 .77 2.24	•
MONTGOMERY LOCK AND DAM  MONTROSE MORGANTOWN MT GRETNA 2 SE NATRONA LOCK 4	2 • 26 4 • 51 3 • 19 4 • 07 3 • 96			•18 •72 •17		•11 •41	•21 •73 •21 •10 •06	•92 T	1.30 1.56	1.60 .98 .91 1.64	•12		•33	•47			.10 T			•04	.19 .20 .21	+30 T				• 72 • 01	.40 .10	
NESHAMINY FALLS  NEW CASTLE 1 N  NEWELL  NEW PARK	7.29 1.47 1.75 1.84			.14	•80 •06	.12	•54 •35		.27 .35 .76	•38			.39		т		.06 1.43 .10 .10	.04			.41 .10	.38				.34	2.61	
NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE	5.53 4.02 6.01 3.96	т		• 22		3.3	.47	1 • 80 • 30	•52 •90 •64 •48	•18 •25 •48	.03 .05 1.27		•87	•43			T •30			•02	.42 .25 .58	. 45				•02	2.50 .42 .83	
NORTH EAST 2 SE ORWELL 2 NW PALM PALMERTON	3.71 2.54 6.03			•07	•03	.71	2.00 .84 .25	T 1•32	•11 •55	.02 .77 1.23	•01 •85		•37	•25 •31			.34			•21	.10 .16 .17	.29				.41	1.30	
PARKER PAUPACK 2 WNW PHIL OREXEL INST OF TEC PHILAOELPHIA WB AP R	1.53 5.02 8.82 6.58	•06		T T	•24	Т	.11 2.08 1.40		•07 •03 1•65 2•21	*36 •23 •08	•27		•58	•09 •08		•58 •02	.07 .10	.02		• 15 • 42	.02 .20 .25				Ţ	•57	3.34 2.66	•07
PHILAOELPHIA PT BREEZE PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 //R	7 • 84 2 • 95 2 • 80 5 • 56 2 • 57	• 04		T •11	т	•01	2.10 .48 .02 .21	. 83 . 98	2.10 .28 .79	•03	•03	T •10	•21 •14	T *12 T		•07	.28 .02 .12 .10		•23	•02 •17 •04	.18 .34 .76				7	.23 .31	2.49	
PITTSBURGH WB CITY R PLEASANT MOUNT 1 W PORT CLINTON PUTNEYVILLE 2 SE OAM QUAKERTOWN 1 E	3.16 4.33 4.47 2.39 5.12			.20 T	7 •59 •05 •02 •11	•01	.02 .15 .98 .20	.66 .45 .16	.89 .16 .71	T •23 1•47 •05 1•12	•67 •75	.19	•27 •45	•20 •19		Т	•13 •01 •03 •17			T •16	.36 .35 .33 .04	•02 •52	Ť Ť		1	.32	1.42 .52 .04 1.26	•09
RAYMONO READING WB CITY R RENOVO REW RICES LANDING L 6	1.82 3.53 4.98 2.81 1.60	.26 .01 .48 .10		.08	•04 T	•03 •16	•12 •28 1•82 •99	•15 •05	1.84	.04 .61 .09 .14	• 05		•05 •24 •20	.48 .85 .37	•09	•08	T •03		.09	.01	.25 .26 .23	.08				•12 •24	.25 .17 .82	•02
RIOGWAY RUSHVILLE RUSSELL SAGAMORE 1 S SALINA 3 W	5 • 16 3 • 38 2 • 49 2 • 0 • 3 • 9 3	т	т		.22 .01 .15		•51 •76 •12 •50 •10	•02 •03 •01	•01 •15 •10 •85	.05 1.23	•03 •08 •10	•05	+24	•24 •56 •37 •10	T •03	т	• 07	. 55			.29 .28 .23 .12	T +10				• 17 • 55 • 12	.35 T	T 1
SAXTON SCHENLEY LOCK 5 SCRANTON SCRANTON W8 AIRPORT SHAMOKIN	.84 2.14 4.28 4.05 7.59	.30 .09 .03		•03 T	T •14 •05	+14 T	.02 .04 .03	T 416	T •23 •96	.44 .84 .06	•26 •06 •10 •03		•17	*11 *11 *20 *10			•02 •10 •51	.05	.04	.04	T •60 •20 •30	.01				.01 .58	T 1.22	• 0 4 T
SHIPPENSBURG SINNEMAHONING SIZERVILLE SLIPPERY ROCK	1.37 3.16 1.18 1.03	T •10	т	. 39 T	T •02	.10 T	.64 .20 .06	•05	•55 •42 •05	•02 •29	T T		T T •36	•39 •24 •02	т		T T •07	.02	Т	1	.30 .30 .22	.10				T 407	.03 .12 .15	
SOMERSET FAIRVIEW ST SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STOYSTOWN	1.64 1.61 1.57 2.15	. 04		т	.64 .19 T	т	•02	•05 •02 •01 •07	•24 •56 T	.36	•02 •46 •21 •04 •01		•15	•50 •02 •51						•01 T	.76	.12 T .03 .05					1.02	
STRAUSSTOWN  STROUOSBURG STUMP CREEK SUNBURY	3.26 3.57 2.80 6.54	T •17	•05	e25	•02	•50	.80 .20	•48 •09 •09	•13 •63 •10	.92 .06 .16 1.40	.71 T .03		Ť •20	T •22 •31			T •17	. 69		.06	.09 .53 .73	.22 .01				.08 .05	3.12	.03
SUSOUEHANNA TAMAOUA 4 N OAM  TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TOBYHANNA	3.02 5.00 4.16 3.24 5.24	.09 .01		•05	.58	• 03	.13 .20 .09 .19	•87 •21 •03 •08	•18 •01	.74 1.07	•22 •21 •01 T		•23	•42 T •01	T T		.26 .15	•12		.04 1						. 88 . 44		•02
TORPEOO 4 W TOWANDA 1 ESE TOWER CITY 1 S TROY	3.26 2.14 7.04 1.50	.26 T					•42 •31 •31 •29	•10 •15	•20	•40 3•25 •18	•05 •04 •07 •04		•56	•10 •93 •04 •33	•05 •01		•51	•01 T		.04	.92 .62 .14	.32				.38	.01 .11 2.60	
TURTLEPOINT 4 NE UNION CITY FILT PLANT UNIONTOWN VANOERGRIFT	2.79 2.17 5.55	.38		1.71	1.00 .04 2.13	• 02	.17 .24 .04	.02 .28 .01	•32 •40	1.13	•03	•03	.05 .11 .85	.40 .08			.05 .29 .08			.05	.18 .24 .23	•35				.04 .51 T	.01	
WARREN WATSONTOWN WAYNESBURG 1 E WELLSBORO 3 S	1.84 3.16 1.54 1.97	•10 •04 •13		T • 02	•10	*01 T	.09 .20 .01 .35	•04 •15	•07 •43 •16	•20	•03		•21 T •23	.03 .33 .02	•01		.48 T			T 1	.13 .00 .54	T				.63 .55	.03 .22	
WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESBURG WILKES BARRE	6.05 3.25 4.10 1.98 6.01	T •10		•05 T	•03 T	T	.07 .03 .70 .27	•33	1.25 .20 T	1-20 -61 -14 1-65	3.58 .31 .02	T	1 •14 •67	•08			.04 .56 .20	Т		.02	T T .68 .35	•27 •10 •10 •04				7 • 95 • 13		
WILLIAMSBURG WILLIAMSPORT W8 AP WOLFSBURG	2.03 4.55 5.31	.02		T •07	.21	•13 T 3•12	.17 .34 T		.11 1.01	.65 .31 1.12	•09 T		•19 •02	•17 •02 •20					т	.15	.15	.35 T				1.69		

Continued										L	A	IL	Y	P	RE	C	CIP	l'I	'A	ΤΊ	10	N													VANIA 1962
Station	Total	-1	Ta	Т	3	4	5	T 6	T	, T	В	9	10	11	12	Т	Day 13		donth		17	18	19	20	21	22	22	24	25	26	27	28	29	30	31
YORK 3 SSW PUMP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	1 • 8 c 3 • 4 5 7 • 4 5 6 • 0 9	. 1	6			+36	8 .3	в			+32	.50	-	1 . 2 . 0	07 18 07			+15		10	T	.05		т	.10 .02	.25	3	24	-	_ 20		.06 .43 4.60 2.01		30	

# DAILY TEMPERATURES

PENNSYLVANI

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Station		1	2	3	4	5	6	7	8	9	10	1	1 12	1:	3 14	-	y Of 1		_	19	20	21	22	23	24	OF.	100	-	100	T	T_00	1	Average
ALLENTOWN W8 AP	MA M I										1 6	2 7	2 7	8 7	79 8	0 8	0 8	3 8		+-			+		76	25	J	82	75	84	30		
ALLENTOWN GAS CO	MA M I	x 89	82	8 8 9	88	3 74	85	92	81	L 8:	8 7.	2 6		3 8	68 6 10 8	1 8	1 8	4 8	5 8	5 7		93	58	57	5 3	57	61	63		66	6 6 4	61	80. 60.
ALTOONA HORSESHOE CURVE	MA.	x 80	83	86	84	85	90	82	83	3 7	5 6	6 7	7 8	1 7	5 7	3 7	9 8:	5 7					81			55	59	62		63	62	60	
ARENDTSVILLE	MA:	( 89	87	89	88	75	91	94	88	9	1 7	9 7	0 7	7 8	5 7	9 8;	2 84	4 8		3 84	90		82		54	50	53	59	56 91		5 57	58	55.
AUSTINBURG 2 W	MA:	80	75	78	83	79	85	86	80	8	L 60	5 6	0 74	4 7	8 7	0 6							58	51	53		58		61	57	64	60	59.
8AKERSTOWN 3 WNW	MAX	88	77	85	88	89	63 89	90	87	86	69	7	4 8:		-							61 94	83	38 86				58	83	53	56	52	78 · 50 · 84 ·
BEAR CREEK DAM	MAX	82	78	79		70	74	82		81	6	7 5	9 69	9 7	5 7	1 74	76	5 79	9 79	1		65 88	78	58 75			62	61	53	52	56	62	58.1
BELLEFONTE 4 S	MAX	86	85		87	81	87	94	87	88	71	. 6	1 78	8 8	1 7					40	50	63 95	83	47 80	43	50	49	57	58	62	59	52	53
8ERW ICK	MAX	86	83	88	86	82	90	88		85	67	7 7:	5 8(							7 84		60 93	81	42 79		50 82	52	52	48	53	53	55	82.6 51.4
BETHLEHEM LEHIGH UNIV	MAM	84	82	84	73	85	70 92	77	86	75	1											65 78	52 77	53 72	54 75	58	60 82	65 81	61	60 79	58	59	83.1
SLAIRSVILLE 6 ENE	MIM	78	63 80		86	65 82	76 87	72	66 80	63 73	62		-				80				68 89	67 82	63	59 78	54 77	57	62	66	61	64	67	62	80 • 1 62 • E
BLOSERVILLE 1 N	MAX	89	57 87	58 87	86	63 74	86	90	64 85	55 88	"						1	58	3 45		70 82		50	58	57	58	59	64	56	78 55	59	67	78.5 58.0
SRADFORD FAA AIRPORT	MAX	70	61 75	61 80	62 78	67 83	69 83	68	65 77	66	61	7(	7 54	5	7 64	54	76	63	3 50	53	59 81	63	56	55	57	53	82 60 81	82 65	61	80 62	65		82.6
BRAOFORD 4 W RES	MIN	74	43 76	46 81	81	61 84	61 85	62 83	60 78	55 77	52	72	3 78	55	5 47		47	76	3 37	42	63	52 78	45	43	53	55	56	74 51	69 48	79 52	85 50	84 54	75.3
BURGETTSTOWN 2 W	MIN	42 85	80	82	55 87	56 88	60 89	62 90	57 86	52 85		44	41	59	9 52		41	54	35	38	56 85	59	76 42 80	77 36	47	82 49	82 48	81 55	75 49	79 47	87 48	86 50	78.0 48.7
BURNT CABINS 2 NE	MIN	52 85	51 87	48 85	54 85	65 85	60 92	66 91	55	60 85			7 48	53	3 54	41	44	50	38		51	67	47	82 49	85 54	85 50	87 55	89 57	80 50	77 48	85 49	88 56	82.8 51.7
BUTLER	MIN	58 85	51 85	56 82	60 89	63	63 90	70	59 84	57	57	56 72	48	62	59	45	56	58	45	48	68	99 62	51	48	55	81 54	85 60	62	86 64	8 2 5 4	90 55	90 57	84.8 56.8
CANTON 1 NW	MIN	50 82	49 75	50 75	50 82	74	63	68	60	61	63	49		76	60	42	45	52 78	40	72	86 42	92 64	85 49	84 49	87 58	87 57		89 54	82 54	76 51	85 53	90 56	83.7 52.8
CARLISLE	MIN	90	52 90	50 90	53 75	61	64	61	62	55	50	50	45	50	55		53	57	43	72 45	76 50	89 62	50	74 45	70 45	75 52	75 55	79 60	75 59	75 50	80 57	86 58	75.8 53.2.
CHAMBERSBURG 1 ESE	MIN	63 86	57 88	60	65	66	68	71 86	65 90	58	57	58 79	52	60	64	51	59	85 61	49	89 52	65	65	83 55	81 51	82 55	51	8 4 5 7	90 61	63	61	91 60	95 60	86.6 59.4
CLARION 3 SW	MIN	61 82	52	58	63	65	67 85	67	60 81	59	58	56	50	53	59	83 46	88 58	83 58	48	50	65	85 65	51	81 49	82 50	83 51	8 9 5 2	92 54	80 63	87 58	91 57	93 58	85 • 1 56 • 8
CLAYSVILLE 3 W	MIN	41 83	44	45	56	57	58	60	56	55	72	81	86	59	53	40	80 44	72 54	37	80 40	90 56	85 58	80 47	84 46	85 53	86 53	89 53	84 62	77 51	83 49	89 53	91 57	81.9 50.6
CLERMONT 4 NW	MIN	55	51	49	60 82	65	61	68	56	62	72 46	50	48	65	56	80 45	49	78 56	39	86 47	95 68	90 67	84 48	85 50	84 55	87 55	90 55	83 61	80 50	84 49	90 49	92 54	85+1 54+5
COATESVILLE 1 SW	MIN	46	40	48	59	58	60	82 64	60	52	50	72 48	80 46	70 55	56	42	78 38	74 55	70 31	72 40	60	78 62	72 43	74 45	50	78 48	80 46	72 58	70 47	83 48	86 48	87 53	77.5 50.2
ONFLUENCE 1 SW DAM	MIN	65	58	57	62	64	67	90 68	63	92 65	72 58	55	73 51	82 54	59	82 53	57	63	87 55	79 52	85 58	95 67	80 58	80 54	50	80 54	82 56	86 61	87 67	74 64	84 62	91 59	83•1 59•2
ONNEAUTVILLE	MIN	58	52	53	55	63	63	90 66	60	83 59	7 <b>7</b> 50	68 52	76 51	86 50		69 50	82 50	83 55	76 42	78 45	83 50	67	82 54	82 49	83 50	84 49	87 51	86 54	84 54	75 52	8 2 5 4	92 54	82.4 53.8
ORRY	MIN	77 42	82 42	79 47	87 55	61	62	88 55	82 64	83 56	72 43	68 45	80 52	88 64		71 42	79 48	83 57	71 39	73 46	87 61	84 59	81 47	80 48	88 59	88 60	89 58	89 58	77 53	75 50	8 2 5 4	88 59	81.4 53.1
	MAX	75 40	78 43	82 46	56	61	85 59	81 65	80 <b>64</b>	57	68 48	76 46	82 49	79 63	68 58	76 43	80 45	72 57	71 38	81 45	83 63	80 62	78 48	83 45	83 59	84 60	85 57	76 61	74 53	8 2 48	87 51	90 56	79.5 53.1
OUDERSPORT 3 NW	MAX	73 43	78 42	39	77 56	82 59	86 59	63	80 53	69 54	60 50	72 41	76 36	71 50		74	78 40	72 50	71 34	78 35	87 56	80 57	74 40	74 36	76 40	80 44	81 46	74 54	70 48	79 50	88 46	87 45	76.5 47.0
EVAULT 1 W	MAX	85 54	86 60	59	77 59	85 58	90 68	84 68	90 65	73 59	61 54	70 51	80 55	80 56	81 63	80 54	85 55	85 54	77 52	84 54	92 65	79 65	79 57	77 54	75 51	80 51	84 57	86 60	85 60	8 <b>6</b> 60	89 59	90 59	81.9 57.9
IXON	MAX	89 52	83 51	47	88 47	78 62	63	91 69	80 59	85 59	67 53	61 53	73 48	81 48	75 59	76 51	79 49	83 49	77 44	77 42	80 42	92 64	84 50	80 47	80 47	79 51	81 53	82 54	85 61	80 60	83 56	89 55	80.8 53.1
ONEGAL	MAX	79 56	84 49	85 50	87 61	87 63	63	81 61	82 55	78 56	64 45	75 52	83 49	80 61	68 53	79 43	81 57	72 55	76 38	80 47	92 65	80 58	81 46	80 56	81 57	83 50	85 54	80 57	77 49	81 45	88 48	89 54	80.9 53.3
ONORA	MAX	85 61	85 60	88 57		90 67	92 67	89 68	87 63	81 61	69 52	80 57	86 55	86 66	82 61	8 0 5 7	87 57	85 61	82 46	86 54	97 70	95 66	85 55	87 56	85 62	87 61	91 60	89 65		88 55	92 57	94	86 • 5 60 • 1
UBOIS FAA AIRPORT	MAX	79 50	80 53	85 55			90 63	78 65	82 63	68 54	65 50	75 <b>5</b> 2	80 52	77 58	66 52	77 44	81 54	76 58	74 44	82 49	88 62	72 61		79 50	80 55	84 54	85 57	77 59		80 53	87 57	89	79.2 55.3
U 8015 7 E	MAX	80 48	80 42	83 46			89 62	85 61	79 58	80 57	66 55	72 51	78 46	77 61	74 55	75 42	80 51	80 56	80 40	81 44		88			77 58	80 58	82 60	80 62		78 50	85 51	88	80·2 53·1
AGLES MERE	MAX		75 56				75 63	82 67		78 56	63 51	56 51	68 51	72 56	65 57	68 50	71 51	76 57	75 45	69 45	74 54	86			69	71 50	72 56		76	72 57		80	73•2 55•4
AST BRADY	MAX									80	74 50	82 50	88 52	88 65	8 0 5 9	82 46	86 51	86 59	80 42	88 47		91			- 1	91	92	87	82	85	92	93	86+8 55+6
BENSBURG	MAX									75 66	71 56	72 53	72 48	74 57	77 60	77 45	80 56	77 61	8 1 5 2	86 55	90	83		82	76	77	78	81	83	78 60	80	90	80 • 2 54 • 5
MPORTUM 1 N	MAX								80 51	80 53	66 52	65 48	69 45	78 46	69 55	70 45	74 46	79 48	73 41	72 39		87			74	78	80	82	72	71	81	88	76.9 49.1
IGLISH CENTER	MAX								82 58	83	56		76 44	80 45	73 57	73 47	79 46	82 49	76 40	76	74	91	82	79	77	80 46		84	80	79	85	91	80.8
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# DAILY TEMPERATURES

PIONSYLVANIA

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Station		1	2	1 5	4	5	6	7	6	9		0 11			Т.		y Of				_			_			_		_				96
EPHRATA	MA	-	6 8		6 71			+-			+		1	2 13			.5 1			+			+-		24	25	26	2:	7 26	3 26	B 30	31	Am
ERIE W8 AIRPORT	MA	N 6	3 5	9 9	9 66	5 6	5 70	70	6	3 6	2 5	7 7	5 5	3 5	9 6	4 5	55 5	8 6	55 5	53 5	3 6	0 6	6 5	7 56					6 6			9 8	
EVERETT 1 SW	M I	N 5			7 65	5 6	7 69	6	7 64	4 5	4 9	3 5	2 6	1 6	4 5	9 9	51 5	5 5	2 4		6 6	6 6	2 55										
FARRELL SMARON	M I	N 6	6 6	1 5	5 64	66	6 66	68	62	2 6	4 5	6 8 2 5	4 5	0 5	2 5	7 5	50 5	1 5	9 4	8 8	8 5	2 7			65 48								
FORD CITY 4 S DAM	M I	N 4	7 5	1 5	4 65	6	7 66	61	7 68	3 64	4 5	0 5	2 5	4 68	8 6	2 4	8 5		3 4	7 4		2 8 9 6				1							
FRANKLIN	MI	N 5				63	62	66	60	61	1 4	6 7 8 5					7 4		5 7			5 9:			84 50								
FREELANO	MII	N				66	65	65	63	5 5 5			2	83 65			2 5	0		8 4					76 55	84 58	8 5 5 6						
	MAI	N 63	2 60	) 6	1 61	62		64									7 7								73 53								
GEORGE SCHOOL	MAI M I I	N 63	3 54					70		88 65														8 2 6 0	76 57	80 61	79 59						
GETTYSBURG	MAIM					74 66		93 73		90												5 101		8 2 5 3	8 2 5 3	81	82						
GRATERFORD 1 E	CAM A1M					77 63		91 67	85 62	89 62	71												78 56	79 56	75 49	78 49	81	83				2 88	81.5
GREENVILLE	KAM					91 63	89 62	89 66	88 65	81 59	75												87	90 51	89 61	89 63	92	83	8 8 2	90	91	85	86.4
MANOVER	KAM NIM					77 66	87 71	92 72	86 65	90 64	78		78										82	84	81	82	83	87	7 87	83	88	93	84.3
MARRISBURG W8 AP	MAX					85 70	94 74	87 70	90 69	78 61	65	77	81	. 79	81	. 80	0 89	8:	3 8	2 87	100	84	81	78 57	80	83	85	86	81	85	88	91	83 • 8
MAWLEY	MAX				86	67 59	78 62	88 65	78 58	85 58	68		68 48		77	75	5 81	8	5 83	76	83	91	83	80	76	78	80	82	84	76	82	88	79.6
MOLTWOOD	MAX		86 64	85		85 72	90 73	84 72	88 69	78 63	69	75	82	78		83	87	8	2 82	84	95	80	79	80	80	82	50 85	53 84	1				52.8
INDIANA 3 SE	MAX		84 49	89	90 62	87 64	92	82	83	77	67	78	83	82	74	75	9 84	76	5 77	84	91	82	81	81	5 7 8 2	85	60	69 81	76		90		82.7
JAMESTOWN 2 NW	MAX	83 42	80 43	79	86	90	86	87	82	84	74	70	80	87	56 79	70	78	8 2	? 74	77	86	89	82	48 79	55 85	53 86	55 87	65 88	52		51	55	54.1
JOMNSTOWN	MAX	87 52	87	85	88	89	83	87	85	56 86	79	79	53 78	85	59 85	74	85	87			53 82		83	54 85	59 83	59 85	59 82	61	54	49	53	60	35.2
KANE 1 NNE	MAX	81	76 43	77	83	58 86	57 87	55 88	52 79	52 78	71	62	74	80	61 75	50 68				72	56 81	64 85	54 79	51 75	53 78	52 80	50	61		53	53	58	84.2
KEGG	MAX	83	85 57	84	85	56 85	91	59 82	55 84	55 79	74	49 78	40 82	79	70	80		45 78			95	59 83	43 82	36 79	81	48	48	55	47	49	81 45	48	78 • 2
LANCASTER 2 NE PUMP STA	MAX	90	88	86	79	66 85	63 88	65 87	61 90	57 86	72	56 75	49 73	58 77	56 80	48 80	55	56 82	45	48	62	61 91	51	48 78	49 78	48	53	58	56	84 59	92 55	93 55	82.9 55.5
LANOISVILLE 2 NW	MIN	90	56 86	56 87	63	61 73	84	68 90	61 84	58 86	53 72	52 62	49 73	53 78	60 76	77	55	60	50	50	64	63	53	51	49	54	83 58	80 59	62	8 5 5 8	92 59	92 55	83 • 4 56 • 9
LAWRENCEVILLE 2 S	MIN	78	56 79	59 87	82	64 89	70	71 88	64 82	65 75	57 60	57 74	53 81	56	67 72	54 81	58	62 79	52	51	61	65	55	78 53	76	77 58	63	8 2 63	63	79 61	82 61	87 62	80.9 60.0
LEBANON 3 W	MAX	88	52 87	46 87	59 88	59 73	67	66 91	58 83	90	54 72	54 62	46 75	58 79	55	48	47	54	40	38	62	61	79 47	78 47	51	83 51	85 50	83 57	82 50	84 54	89 54	90 55	81.4 53.2
LEWISTOWN	MIN	92	60 89	63 87	63 82	64 80	68	71	65 87	63	56	56	55	58	61	54	57	86 62	54	80 55	60	96 67	81 59	79 57	55	77 58	80 62	82 63	62	81 62	84 63	89 65	81.7
OCK MAVEN	MIN	66 89	56 86	56 87	59 91	65	67	66	64	64	60	58	52	85 <b>50</b>	60	79 52		89 57	83 50	50	89 52	99 64	8 6 5 0	86 50	51	82 55	8 4 5 5	88 59	88 63	82 61	87 59	93 59	85.2 57.5
1ADE RA	MIN	59	52	52	54	60	66	67	60	60	72 58	65 58	79 52	85 55	78 60	74 48		86 54	79 46	79 46	82 49	94 61	85 50		80 46	83 50	84 53	86 55	82 60	81 55	88 57	91 59	83.5 54.7
ARCUS HOOK	MIN	51	47 86	48	0.4	61	60	60	78 55	55	49	51	75 43	78 43	75 55	70		80 44	73 38	75 38	83 44	90 60	80 45		76 42	78 50	81 50	85 52	75 54	72 49	79 50	86 51	78 • 4 49 • 3
MARION CENTER 2 SE	MIN	71	66	67	70	86 69	72	73	70	65	65 58	70 58	60	82 59	86 68	60	85 67	85 70	79 62	81 62	94 70	85 74	81 70		60	82 62	86 66	8 6 6 9	75 70	87 68	92 68	91 69	83 • 6 66 • 3
MARTINSBURG FAA AP	MIN	51	50	54		86 63	90	79 64	81 60	73 57	63 46	76 50	82 54	80 61	70 55	77 45	81 56	74 56	76 42	83 53	88 67	79 61	79 51		80 56		86 59	78 61	74 53	82 50	88 54	91 64	80.5 55.8
EADVILLE 1 S	MAX	83 59	85 54	85 57	63	66	92 62	80 65	84 60	55	62 53	77 55	80 50	77 62	72 56	78 48	85 57	79 57	79 46	85 51	97 71	86 62	82 52			84 55	8 5 5 9	87 62	78 58	84 58	91 58	94 60	82·3 57·4
	MAX	45	79 48	79 48		86 62	85 62	86 64	81 64	82 57	72 47	68 50	79 51	85 52	78 59	70 45	78 46	81 51	73 40	73 44	84 54	84 63	81 52					86	77 55	72 52	83 54	87	80 • 2 53 • 6
ERCER 2 NNE	MIN	80 42	80 43	86 48				84 65		78 56	74 43	79 45	85 48	84 64	80 58	77 39	84 45	80 59	77 36	86 46	91 65	88						80	80 53	84 48	89 51	91 63	83 • 8
ERCERSBURG	MAX	89 62	90 54	90 57				93 68		91 65	82 60	63 56	81 50	82 56	77 61	78 50	83 57	89 59	84 47	85 50	8 9 5 8	102						90	91 63	79 59	82	92	85 · 4 57 • 7
ILLVILLE 2 SW	MAX	84 62	82 53	83 52				90 71		85 62	70 54	61 54	77 46	81 50	71 59			8 2 5 0	79 45	75 45	81 46	92 64				79	80	83	84	80 57	83 58	89	80-4 55-1
ONTGOMERY LOCK AND DAM	MAX	84 55	84 54	88 52						78 61	81 50	81 55	89 54			80 47	84 53	85 60	80	87 51	94 67	90	85	87 1	8 7	88	90	82	80	86	89 57	91	85 • 8
ONTROSE	MAX	84 57	77 51	79 52						79 55	69 51	57 51	70 47		72 55	67	75 51	79 54	74 41	70 41	76 46	88	79	72	74	75	76	79	81	75	79	84	76.3
ORGANTOWN	MAX	85 64		84						84 61	67 56	71 54	78 52	76	78	78	82	85 65	76 56		95 64	82	81	74	76	79	80	82	74	82	58 92	89	53.1 81.1
T GRETNA 2 SE	MAX			68 57		83	89	83	88	73	65 54	74 52	79	76	79	79	86 55	83 61	78	84	95	80	8 2	78 7	77	80	83	82	81	83	90	91	60.2 81.7
EW CASTLE 1 N	MAX MIN			88	90	90	90	86	87	78	74	81	88	88	88	80	86	86	80	87		89	85	8 8	17 1	89 4		88		61	60	58	57.4
	-1						-		61	60	46	50	50	65	61	42	49	59	41	49							56						55.5

Con	

Continued									D.	AII	.Y	TI		PE			UK															GUST	1962
Station		1	2	3	4	5	6	7	•	9	10	11	12	13	14	Day (	Of Mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	verage
NEWELL	MAX	89	86	89	89	90	90	96	8	88	85	75	85	91	85	77	85	90	82	89	89	99	85	89	91	90	93	94	86	80	89	97	88.1
NEWPORT	MIN	62 91	58 91	56 90	62 90	67 75	66 87	71 94	62 87	90	57 76	58 64	55 81	58 84	63 76	53 81	56 86	61 88	53	59 85	69 90	69 99	5 6 8 5	55 82	57 81	58 82	57 84	86	57 85	55 81	57 88	90	59•8 84•9
NEW STANTON	MIN	63 85	55 84	56 91	59 92	69 94	69 94	71 89	64 87	64	59 70	59 79	53 88	53 85	63 86	52 82	52 87	55 77	82	50 89	51 96	65	55 85	50 86	53	55 85	56 90	59 87	63 76	61 86	62 92	95	58.2 86.2
NORRISTOWN	MIN	45 89	52 89	51 88	63 81	61	92	68 86	60 92	58 76	47 65	56 73	50 82	65 83	63 83	46 83	58 87	57 87	41 79	54 86	65 94	59 81	49 81	51 78	58 79	53 83	54 85	56 87	56 76	50 85	50 91	56 92	55.4 83.9
PALMERTON	MIN	69 83	59 84	63 86	69 73	66	70 82	72 79	67 85	63 71	57 63	55 72	55 77	58 87	66 78	58 80	63	68	58 78	57 84	69 92	69	62 80	60 76	76	57 78	60	67 82	67 75	65 84	90	62 89	62.9
PHIL DREXEL INST OF TEC	MIN	62 88	54 86	54 86	65 82	66 87	72 91	71	62 91	63 80	57 64	56 71	52 78	58 81	58 84	53 83	55 85	63 87	77	49 83	68 92	61	55 80	56 76	51 79	57 80	63 84	63 85	73	67 84	65 90	58 91	59.6 82.8
PHILAOELPHIA W8 AP	MIN	69 85	67 83	67 85	69 82	69 87	72 90	74 65	68 90	77	58 64	56 71	58 78	81	68 83	61 80	66 85	67 85	61 77	61 83	70 91	71 83	80	63 76	59 78	63 80	63	68 84	66 73	67 83	68 87	69 87	65.5
PHILAGELPHIA PT BREEZE	MIN	68 86	63 87	59 86	82	66 86	70 90	72 87	66 91	63	59 64	56 69	53 80	56 84	65 82	55 84	62 85	67	78	55 84	92	68	80	60 76	55 80	54 83	5 B	67 67	67	82	60	90	62 • 2
PHILIPSBURG FAA AP	MIN	73 78	69 80	68 82	70	70 82	72 88	72	72 <b>7</b> 9	64	58 60	58 70	62 75	63	70 67	73	79	68 73	74	63 79	70 87	72	69 73	64 71	74	77	65 79	70	74	68 79	71 84	68 87	67•1 76•2
PHOENIXVILLE 1 E	MIN	53	52	48	63	64	61	57	59	56	53	47	42	59	46	39	49	45	40	92	63 92	80	43 79	42 78	57 80	55 88	60 85	61 84	56 84	55 89	51 90	54	52.3
PITTSBURGH WB AP 2	MIN	69 82	55 83	55 88	56 90	64 91	68 92	68 88	62 87	64 75	57 70	54 78	51 87	57 82	65 72	54 79	58 85	67 76	54 78	53 85	66 95	66	57 61	50 85	53 85	56 85	88	65 82	62 78	59 85	58 88	93	59.4 83.7
PITTSBURGH W8 CITY	MIN	57 82	60 85	55 90	90	67 90	64 93	67 87	60 87	56 77	52 72	50 80	54 86	65 84	53 72	80	55 88	53 76	80	52 86	73 96	61 85	54 84	57 86	62 85	58 86	61	61 83	57	55 85	56 89	92	57.9 84.6
PLEASANT MOUNT 1 W	MIN	62 81	63 76	60 75	70	72 66	71 76	70	62 74	59 78	58 67	58 59	59 65	67 75	62 73	55 67	61	59 78	5 2 7 5	58 70	78 75	87	61 78	60 73	66 76	76	67 75	66 78	80	60 76	63 77	83	63 • 1 75 • 0
PORT CLINTON	MIN	58 88	51 85	86	52 85	57 <b>75</b>	83	64 86	61 83	54 87	51 73	51 61	41 74	80	53 77	80	45 82	51 85	83	80	45 84	59 95	51 82	43 81	46 72	77	47 80	52 82	55 83	58 78	60 85	90	51.0
PUTNEYVILLE 2 SE OAM	MIN	57 85	47	49 81	57	61 85	63	67	58 82	60	53 73	52 69	46 78	83	59 83	46 72	49 78	53 80	42 75	77	48 85	60 91	49 85	48 80	45 82	50 85	55 86	57 89	61	58 75	53 83	52 90	53.0
OUAKERTOWN 1 E	MIN	51 85	49 85	49 87	53	63	64 91	66	58 87	60 86	49 68	50 69	51 79	54 80	54 80	45 80	46 83	55 83	43 80	45 83	51 91	62 90	48 88	51 79	56 78	55 79	56 83	59 83	53 83	50 82	51 87	55 89	53.3 82.9
READING WB CITY	MIN	88	53	53	62	62 85	67 90	69	60 90	61 76	56 63	52 75	48 82	52 79	64 80	51 81	53	67 86	54 79	49 85	64 95	81	56 82	56 78	48 79	52 82	55 83	85	62 78	86	60 92	57 93	57.9 83.1
RENOVO	MIN	67	63	62 86	65 90	68 81	72 86	72	68	63 86	58 76	58 65	55 80	62 85	66 78	58 75	80	68 85	58 81	<b>5</b> 7	72 86	68 95	62	61	56 80	62 84	67 85	68 89	75	65 82	69 89	65 92	63.9
RIOGWAY	MIN	56	53	48	48	59	59	90	60	58	70	55	49 75	49 82	58 79	70	77	52	43 73	42 73	42 81	61	80	43 80	80	49 80	49 83	53 85	58	54 73	54 81	56 87	52•2 ' 79•4
	MIN	48	49	46 87	47	61	61	62	61	58 75	54 71	49 78	46 84	83	55 76	45 79	47 85	48	40	41 83	92	62	47 82	46 83	46 82	50 85	51 87	53 86	53 78	50 83	51 89	52 92	50.6 83.5
SALINA 3 W	MIN	50	50	50	62	64	62	65	58	56 86	46 70	52	52 70	67	51	45	53	55	82	49 74	67	60	49 84	49 80	55 81	56 81	5 6 8 3	63 85	51	50 81	53 84		54.8
SCRANTON	MIN	66	57	55	57	63	67 89	70	57 85	63	57	55	49	52 77	61 75	57	55	56	48 76	83	50	66 85	59	54 79	54 79	55 81	62	61 85	62	65 83	61 89	61 90	58.1
SCRANTON WB AIRPORT	MAX	63	82 56	56	65	64	71	66	61	59	58	55	51	61	60	56		61	50	51	70	61	58	54	56 85	61	64	63	63 86	66	96	62 96	60 • 1 86 • B
SHIPPENSBURG	MAX	64	86 56	85 59	78 63	86 65	67	70	90 64	56	59	59	52	56		52 76	60	63	50	53	67	67	56	51	56	55	58	59	63	63	60		59.6
SLIPPERY ROCK	MIN	79 51	78 54	84 54	65	88 66	86 64	62	62	60	52	50	55	65	59 73	73	52	60 84	77	55	71	64	52	55		60 78	62 81	64 83	56 80	54 78	57 83	65	57.9
STATE COLLEGE	MAX	85 59	82 55	85 58	63	78 64	86 66	91 69	83 65	85 61	71 57	62 57	75 50	80 56	58	50	56	60	47	52	55	62	54	50	53	57	62	66	63	58	59	63	58 • 2 78 • 9
STOYSTOWN	MAX	1	78 50	81 51	83 56	61	63	89 64	78 56	81 56	75 48	50		78 53	56	45	47	81 57	73 42	43	82 54	68	49	47	47	45	54	61	52	45 84	49	54	52.5
STROUGS8URG	MAX	85 55	84 50	88 48	60	60	86 66	80 66	87 58	82 59	62 54	70 52	47	55	60	50	50	84 55	78 45	84	91 57	64	53	47		81 57	52	55	1	58	57 87	54	54.6
SUN BURY	MAX MIN	63	86 53	87 55	60	77 64	88 70	72	86 60	89 59	78 56	55	49	50		79 53	55	60	83 54	47	86 49	63	52				56	60	87 61 77	58 73	57	60	56.8
TIONESTA 2 SE OAM	MAX	80 49	77 50	78 51	53	85 61	86 63	65	80 63	82 59	78 49	67 51	75 50	50		70 47	46	81 51	74 45		83 47	61	51	46	47		55	55	55	50	53	55	52.8
TITUSVILLE WATER WORKS	MAX	41	75 44	81 43	82 52	58		78 63	79 57	74 54	63 42	74 46		76 60	57	74 41	41	69 54	70 36		83 56	76 50	47	41	48	50		58	50	80 47	85 46	51	49.2
TOBYHANNA	MAX	77 59	77 49	80 47	75 56	74 58	80 65	73 65	80 60	76 57	62 50	67 51		54	59	75 51	45	79 53	71 44	76 40	86 60	61	74 51	48	45		55	57	56	77 58	83 57	51	53.4
TOWANOA 1 ESE	MAX	81 60	81 51	87 46	84 59	86 61	92 64	88 67	84 60	75 56	62 54	75 54		77 52	58		50	79 57	75 43	41	91 62	64 64	78 51	42	51	48	52	61	60	59	54	53	81.3
TOWER CITY 1 S	MAX	89 63	84 51	85 54	87 60	72 66	81 68	92 69	84 60	87 64	71 56	62 55		78 48		47		83 59			86	94 61	50	49	49	75 52	5 7	62	58	79 60	58	56	
UNIONTOWN	MAX	83 60	83 55	84 57	89 66	67 66	89 65	86 70	84 61	74 63	68 51			84 67				83 62	79 45	82 52	95 73		81 54	83 62		85 57		66		83 53	89 55	61	83.7
WARREN	MAX	76 51	80 52	85 48	85 59	88 63	90 64	82 67	82 64	74 57	67 50	76 51		79 63				74 58	74 43		86 62		79 52			86 58				82 54			55.3
WAYNESBURG 1 E	MAX		83 49	89 50		90 60	90 61	91 64	88 56	86 60	79 45			88 49		73 45		87 54	76 40	81 45	86 53		83 50		53	1	52	58	51	50	49	52	52.3
WELLSBORO 3 S	MAX	80 53	76 51		82 55	73 60	80 63	86 65	78 60	81 54	61 52	57 51		7 <b>7</b> 50				79 54	74 43	73 44	79 51	89 62	81 49	75 44		77 54						59	53.5
WEST CHESTER	MAX	88 63	89 61	89 61		80 64	88 67	91 67	86 64	93 61	71 54			82 55				88 63	86 55		87 62		60						64	60	60	65	59.8
WILLIAMSPORT W8 AP	MAX		84 56	87 54	75 65	84 65		83 64	87 62	70 60								80 60	78 49		95 66		80 54					65	64	61	62		58.8
YORK 3 SSW PUMP STA	MAX	88 61	87 53	86 61		85 67	92 70	91 73	90 61	90 60	73 59							88 62					84 54						86 65				

### DAILY SOIL TEMPERATURES

PENNSYLVANIA AUGUST 1962

Station																Day	of mo	onth		-			-	-									0
And	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
ERIE CO FIELD RSCH LAB 8 INCHES	MAX MIN	72 69	72 69		74 71	76 72	76 73	75 72	76 73	75 73	73 71	71 69	72 69	72 71	71 69	70 68	71 68	71 69	70 67	70 67	71 70	72 70	71 69	72 69	74 71	75 72	75 73	75 73	74 72	75 70	77 72	77 73	73.2 70.4
LANDISVILLE 2 NW 2 INCHES STATE COLLEGE 2	8 AM	67	65	67	68	67	69																										68.5
2 INCHES	MAX MIN	94 66	97 64	93 67	88 71	89 70	96 70	82 74	90 69	79 67	68 63	87 63	91 60	76 68	77 64			84 68	90 60	90 62	93 70	80 68	87 61	84	88 65	89	88	82	80 69	83 64	90 65	92 68	86.9 65.8
4 INCHES	MAX MIN	87 68	90 67	82 68	83 72	84 70	90 70		85 70	77 69	68 65	82 64	86 63	75 69	75 66	86	87	81	83 63	85	87	78	83	80	84	84	84	79	78	79	85	86	82.4 67.4
8 INCHES	MAX	79 71	80 70	79 71	77 73		81 72	78 75	78 73	77 72	72 68	76 67	77 67	74 71	72 69	77 66	79 69	76 71	76 68	77 68	79 72	75 72	76 68	75 67	77 69	78 69	77 70	75 72	75 71	75 69	78 70	79 72	76.8 70.1
12 INCHES	MAX	73 71	74 71	74 72	73 72	73 72	75 72	75 74	75 73	75 72	73 70	71 69	72 69	72 71	71 69	72 68	73 70	73 71	73 70	72 70	74 71	73 71	72 69	72 69	73 70	73 70	74 71	74 72	73 71	72 70	74 70	75 72	73.2 70.7
16 INCHES	MAX	72 70	72 70	73 71	72 72	72 71	74 72	74 73	74 72	74 72	73 70	71 69	71 69	72 70	71 69	70 68	72 70	72 71	72 70	71 69	73 71	73 71	72 69	72 69	71 70	72 70	72 70	73 71	72 71	72 70	72 70	73 72	72.2 70.4

Erie Co Field Rsch Lab - Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Ryegrass and Native Weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

Landisville 2 NW - Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam. Ground Cover: Permanent blue grass sod which is kept clipped to a height of 2 inches. Instrumentation: Weston Electric Soil Thermometer.

State College 2 - Slope of Ground: Gentle slope to the southeast. Soil Type: Hagerstown silt loam. Ground Cover: Kentucky blue grass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constant

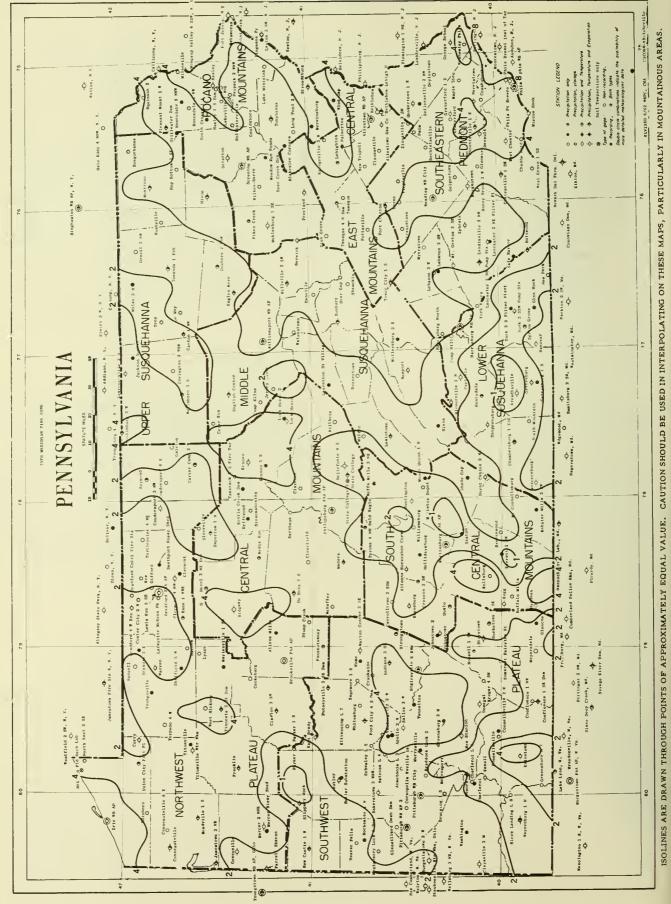
### EVAPORATION AND WIND

Station																	Day o	í mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BEAR CREEK DAM	EVAP WIND MAX MIN			48 83	71 80	65 69	43 74		47 73	50 84	60 68	37 59	47 68	80	103 76	70 74	37 82	52 77	43 80	55 74	78 77	.30 69 87 60	.16 55 78 56	62 79	.22 61 78 51	.19 63 78 51	65	.13 52 78 57	67	64 76	87 79	.23 53 85 58	6.39 1877 77.7 56.4
BELLEFONTE 4 S	EVAP			.30 35		.14 73	.17	. 20 72	.17	.15 27	.08	.13	. 22	.22				. 23 56	.18	. 28	.21	. 26	.24			.27		.23	.08 16				6.47 1747
CONFLUENCE 1 SW DAM	EVAP WIND				. 13 22	. 23	.15	.25	.13	.13	.14	.09	.16	. 24 37	.11					. 20	.14	. 25 78	.12									.22	
FORD CITY 4 S DAM	EVAP WIND		. 24 30		.10	.16 32	.19	.23	.18	.13	.21	.06	. 16 26	. 27 51	.17	.12	. 21	.17	.17	. 21	. 22	.21	.19	.19	.22	. 20 34	. 22	.18	. 19				5.80 1024
JAMESTOWN 2 NW	EVAP WIND		.19 19	. 20 22	.18	.17	.16 21	.64 30	.01 23	. 22 26	. 23 51	.06	. 20 22	. 24 37	.15 38	.12	.16	.17	-23 31	. 18 28	.19	. 21 26	. 22	. 23 28	. 20	. 20	.22	.18	.15			.19	5.97 828
LANDISVILLE 2 NW	EVAP WIND		.41 72	.34 44	.33 77	. 18 29	.01 39	.38 79	.18 47		L 00 102		. 13 46	.21 36	.16 60	.26 78	. 23 30	.18	.32 61	.14	.22 97	.30	.11 30	. 27 49	.18 43	. 22 54	. 27 61			.19 134		.31	8.12 1740

### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	ive hum	idity ave	rages -		Numl	per of da	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1;00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN WB AIRPORT	NE	9	8.5	52++	w	20	86	89	59	67	4	0	5	3	2	0	14	-	5,2
ERIE WB AIRPORT	s	19	11.0	32++	SSW	6	79	78	61	62	5	4	4	0	2	0	15	-	4.3
HARRISBURG WB AIRPORT	ESE	13	6.7	35	NW	20	87	91	60	68	3	4	5	2	1	0	15	68	5.6
PHILADELPHIA WB AIRPORT	S	11	6.8	25	W	9	83	82	57	67	2	2	4	1	2	1	12	63	5.2
PITTSBURGH WB AIRPORT 2	SE	8	6.8	23++	NNW	21	81	86	46	49	6	1	4	2	0	0	13	72	5.3
READING WB CITY	s	-	8,6	32	N	20	-	-	-	-	0	2	5	1	1	0	9	69	5.3
SCRANTON WB AIRPORT	SSW	12	7.3	20	SE	7	79	85	54	63	3	6	3	2	1	0	15	53	5.7
WILLIAMSPORT WB AIRPORT	W	10	7.8	33++	NNE	20	84	88	52	58	4	1	4	1	2	0	12	-	5.8

# TOTAL PRECIPITATION



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# CENTRA DUTHEASTERN PIEDMONT EAST Tanaqua MOUNTAINS Mairo 3 s, N Y MANNA SUSQUEHANNA SUSCUEHANNA O LOWER PENNSYLVANIA MIDDL UPPER MOUNTAINE MOUNTAINS CENTRAL CENTRAL llegany State Park, W. y. O Brandonsille, NORT SOUTHWEST

AVERAGE TEMPERATURE

ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

		NO.		E ‡	DE	NO		E AN	D			NO.		E +	DE	NC	TIME	VATION	1962
	STATION		OUNTY	DRAINAGE	LONGITUDE	ELEVATION	TEMP.	EVAP	SPECIAL (ME WOTER)	OBSERVER	STATION	INDEX N	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	TEMP.	EVAP. SPECIAL SPECIAL	OBSERVER
	ACMETON IA LOCK 3 ALLEMS MILLS ALLEMTONN WB AP ALLEMTONN GAS CO ALTOONA HORSESHDE CURVE APPOLLO 2 W ARENOTSVILLE AUSTINBURG 2 W BAKERSTOWN 3 WNW BAKERSTOWN 3 WNW	0022 ALLE 0099 JEFF 0106 LEHI 0111 LEHI 0134 BLAI 0204 WEST 0229 AOAM 0233 TILLE 0355 ALLE 0409 WARE	ERSON IGH IGH IR IMORELAND IS IGA IGHENY	1 40 32 1 41 12 9 40 39 9 40 36 6 40 30 7 40 35 15 39 55 15 42 00 1 40 39 1 41 40	79 49 78 55 75 26 75 28 78 29 79 36 77 18 77 32 79 59 79 02	254	7. MID MII 7A 7. 6P 6I 8A 8. 7A 7. 3P 3I	A O A A A A A A A		CORPS OF ENGINEERS CHARLES H. ALLEN U.S. WEATHER BUREAU LEHICH VALLEY GAS DIV. ALTOONA WATER BUR. EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO D. BOCON PGH. CUT FLOWER CO. CORPS OF ENGINEERS	KEGG KETTLE CREEK DAM KITTANNING LOCK 7 KREGAR 4 SE KRESGFVILLE 3 KAFAYETTE MC KEAN PARK LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2 NE FILT PL ANCASTER 2 NE FILT PL	4545 4611 4667 4672 4706 4727	BEDFORD CLINTON ARMSTRONG WESTMORELAND CAREDN MC KEAN PIKE WAYNE LANCASTER LANCASTER	6 39 59 16 41 22 1 40 49	78 43 77 56 79 32 79 14 75 34 78 40 75 03 75 16 76 17 76 17	1280 930 790 2530 720 2130 1360 1440 255 270	7A 7A 6P 6P		PA. TURNPIKE COMM. CORPS OF ENGINEERS CURSE OF ENGINEERS CLOSED 12/1/9 CITY OF BETHLEHEM INACTIVE 12/9 NRS. IRENE FOREMAN MRS. GLADYS REINEKE LANCASTER WATER BUR.
Ħ	BEAR CREEK DAM BEAR GAP BEAVER FALLS BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BEANE BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV	0455 LUZE 0457 NORT 0475 BEAV 0482 SNYO 0488 BERK 0530 CENT 0599 BERK 0611 COLU 0629 NORT 0634 NORT	HUMBLANO /ER /ER /S /RE /S /MB / A	9 41 07 15 40 50 2 40 46 15 40 45 14 40 22 16 40 51 14 40 31 15 41 04 9 40 37 9 40 36	75 44 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23 75 23	325 570 240	31 7, 7, 7, 8A  6,	A P A	С	CORPS OF ENGINEERS ROARING CREEK WATER CO.* HOWARD R. KEMP HARLIN R. ETTINGER PAUL W. FISHER ROCKVIEW PRISON FARH FLOYD W. TRUMP AMER. CAR + FRORY. CO.* CITY OF BETHLEHEH LEHIGH UNIVERSITY	LANDISVILLE 2 NW LAURELTON STATE VILLAGE LAWRENCEVILLE 2 S LEBANON 3 W LEHANON 3 SM LEHIGHTON LEWIS RUN 3 SE LEWISTOWN LOCK MAYEN	4778 4853 4873 4891 4896 4934 4972 4984 4992		15 40 07 15 40 54 15 41 59 15 40 20 15 40 19 9 40 50 15 41 41 1 41 50 6 40 35 16 41 08	76 26 77 13 77 07 76 29 76 28 75 43 76 43 78 39 77 35 77 27	360 880 1000 460 490 580 1040 1740 460 680	8A 6A 6P 6R 7A 7A 7A 7A 7A 7A 7A	C	RA. STATE COLLEGE RA. DEPT. OF WELFARE HARRY P. HOWLAND LEON MILLER THOMAS DONNACHIE GOODWIN S. DEFRENN LEAMON M. RAUHAN RUSSELL LINEMAN AMERICAN VISCOSE CO. JOHN R. FREY
	BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS BLOSERVILLE 1 N BOSWELL 1 SW BRADDOCK LOCK 2 BRAGFORD FAA AIRPORT BRAGFORD CNIRL FIRE STA BRADFORD 4 W RES BREEZEWOOD	0725 PERR 0736 INDI 0743 MONS 0763 CUMS 0861 ALE 0861 MC K 0867 MC K 0868 MC K 0905 BEOR	ANA ROE BERLANO RSET GHENY EAN EAN	15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 40 24 1 41 48 1 41 57 1 41 57 6 40 00	77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44 78 14	750 2048 1650 650 1810 725 2121 1500 1680 1352	8P BI 8A B. 7. 7. MIO MII 6, 5P 5I	A A A O	С С Н	PA. DEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER HILDRICK HRS. BESSIE M. WILLDERS MRS. EMM SHAULIS CORPS OF ENGINEERS FEO. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD WATER DEPT. RA. TURNPIKE COMM.	LOCK HAVEN 2 LONG POND 2 W LYNCH MADERA MAHAFFEY MAPLE GLEN HAPLETON DEPOT MARCUS MODE MARIENVILLE 1 SW MARION CENTER 2 SE	5275 5336 5342 5368 5381 5390 5400	CLINTON MONROE FOREST CLEARFIELD CLEARFIELD HONTGOMERY HUNTINGOON OELAWARE FOREST INDIANA	16 41 08 9 41 03 1 41 36 16 40 50 16 40 53 5 40 11 6 40 24 141 27 1 40 45	77 27 75 30 79 03 78 26 78 44 75 11 77 56 75 25 79 09 79 02	630 1860 1295 1460 1260 380 580 12 1700 1610	7A 8A 7A MIO MID	c	HUGH F. PARKER THOMAS HECKES CORPS OF ENGINERS MRS. JULIA J. SHOPF HISS ELLEN J. MILES FRANCES E. SCHEIBNER MRS. I. S. BUCHANAN SUN OIL CO. ROY A. MARKER CORPS OF ENGINEERS
#	BROOKVILLE FAA AIRPORT BRUCETON IS BUCKSTOWN ISE BUFFALO HILLS BURGETISTOWN 2 W BURNT CABINS 2 NE BUTLER BUTLER SUBSTATION CAMP HILL CAMP KLINE	1002 JEFF 1033 ALLE 1073 SOME 1087 BEDE 1105 WASH 1115 HUNT 1130 BUTL 1135 BUTL 1198 CURB 1203 LYCO	EGHENY ERSET FORD HINGTON INGOON LER LER	1 41 09 10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 15 40 15 16 41 16	79 06 79 59 78 50 78 39 80 26 77 52 79 54 79 53 76 55 77 20	1417 1065 2460 1318 980 990 1100 1140 460 590	7A. 7. 5P 51 8A 8.	A A A P A	н с	CLOSED 7/26/62 AUSTIN R. COORER ALVIN N. MANGES CLIFFORD C. ADAHS SMITH THP. MUN. AUTH. PA. TURNPIKE COMM. ROGER CLARK WEST PENN POWER CO. CLOSED 6/1/62 LESLIE D. DOWLING	MARTINSBURG FAA AP MATAMORAS MC CONSELLSBURG MC KEESRORT HEADOW RUN PONDS HEAOVILLE 1 5 MEDIX RUN HERCER 2 NNE HERCER 1 NAY SHED MERCER SBURG	5470 5526 5573 5601 5606 5627 5651 5654	BLAIP PIKE FULTON ALLEGHENY LUZERNE CRAWFORD ELK MERCER MERCER FRANKLIN	6 40 18 5 41 22 12 39 56 10 40 21 15 41 13 1 41 38 16 41 17 2 41 15 2 41 14 12 39 49	78 19 74 42 78 00 79 52 75 40 80 10 78 24 80 13 80 15 77 54	1463 439 895 720 1995 1065 1100 1160 1250 615	MIO MIO 7A 8A 8A 7A 7P 7A 8A 8A	C H	MRS. FRAM. STRUTHERS PA. DEPT. HIGHWAYS ROLLIN P. GILBERT
	CANTON 1 NW CARLISLE CARROLLTOWN 2 SSE CARTER CAMP 2 W CEDAR RUN CHADOS FORD CHAMBERSBURG 1 ESE CHARLEROI CHARLEROI LOCK 4 CLARENCE	1215 BRAC 1234 CUME 1255 CAME 1262 POTT 1301 LYCG 1342 GELA 1354 FRAN 1372 WASH 1377 WEST 1480 CENT	BERLAND BRIA TER DMING AWARE IKLIN HINGTON TMORELAND	15 41 40 15 40 13 16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 08 10 40 09 16 41 03	76 52 77 12 78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56	1520 465 2040 2030 800 170 640 1040 749 1410	7.A, 7. 6P 61 8. 7. 7. 7. 9P 9.	P A A A A A	C H H C C C C	MRS, MILDREO SPENCER CARROLL G. MILLER ROBERT F. MAURER RICHARD L. MEMKEN KATHENN IT. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENDER WEST PENN POWER CC. CORPS OF ENGINEERS MISS VELDA SWANCER	MERNINSBURG MEYERSOALE MILAN 2 N MILANVILLE MILLESBURG 2 E MILLEHEIM MILLE 2 SW MILROY MONTGOMERY LOCK AND OAM HONTROSE	5684 5731 5738 5775 5790 5817 5825 5902	MONROE SOMERSET BRAOFORD WAYNE DAUPHIN CENTRE COLUMBIA HIFFLIN BEAVER SUSQUEHANNA	9 40 58 17 39 49 15 41 56 5 41 40 15 40 32 15 40 53 15 40 63 11 40 39 15 41 50	75 26 79 01 76 31 75 04 76 36 77 29 76 34 77 35 80 23 75 52	985 2100 770 760 560 1079 860 770 692 1560	7A 8A 7A 7A 8A 5P 7A 7A 7A		ARTHUR AS SHITH PAUL ES FULLER CHARLES ES STROUG CHARLES MS DAVIS RUSSELL SHEPLEY REVIN ES BOWERSOX FENNETH LEIGHOW THOMAS CS HARBESON CORRS OF ENGINEERS RALPH TAYLOR
	CLARION 3 SW CLAUSVILLE CLAYSVILLE 3 W CLEARFIELD CLERMONT CLERMONT 4 NW COATESVILLE 1 SW OAM COMPLUENCE 1 SW OAM COMPLUENCE 1 NW CONNEAUTVILLE CONFLUENCE 1 NW CONNEAUTVILLE	1485 CLAR 1505 LEHI 1512 WASH 1519 CLEA 1529 MC K 1534 MC K 1589 CHES 1705 SOME 1710 FAYE 1720 CRAW	IGH HINGTON ARFIELD CEAN CEAN STER ERSET	1 41 12 9 40 37 11 40 07 16 41 01 1 41 41 1 41 44 5 39 58 17 39 48 17 39 50 8 41 45	79 26 75 39 80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22	1114 670 1000 1100 2104 1620 342 1490 1331 1000	8P 7. 8 7P 7. 7 7 5P 7. 8A 8 6A 8 7 9A 9	A A A A A A B A	0 00 0	PA+ ELECTRIC CO+ WILLIAM J. DOTTERER HFGRS+ L+ + + CO+ IRA TAYLOR MRS+ TILLIE M. SIMONOS MRS+ TILLIE M. SIMONOS PHILA+ ELECTRIC CO+ CORPS OF ENGINEERS JOHN L- REID S+ CARLYLE SHELOON	MORGANTOWN  TO RETNA 2 SE HOUNT UNION 1 N HUNLERBURG 1 SE MURRYSVILLE MYERSTOWN NATROMA LOCK 4 NEFFS MILLS 3 NE NESMAMINY FALLS NEW CASTLE 1 N	6028 6067 6090 6111 6126 6151 6174	BERKS LANCASTER MIFFLIN LUZERNE WESTMORELAND LEBANON ALLEGHENY HUNTINGDON BUCKS LAWRENCE	15 40 09 15 40 14 6 40 24 15 41 13 10 40 26 14 40 22 1 40 37 6 40 40 5 40 09 2 41 01	75 54 76 26 77 53 76 08 79 42 76 18 79 43 77 55 74 57 80 22	595 670 820 1110 900 480 800 900 60 825	MID MID MIO MID 8A 7A MID 5R 7A	c	PA, TURRPIKE COMM- RA, TURRRIE COMM- MT, UNION WATER WORKS INACTIVE 2/60 DAVID C. SHAM MRS.ACATHLEEN MANDELL CORPS OF ENGINEERS PA, STATE UNIVERSITY RHILA. SUB. WATER. CO.
	CONNEAUTVILLE 6 E CONNELLSVILLE 2 E CONSULTE 2 E CONSUMPRISON OF STREET CORY SBURG CORAOPOLIS NEVILLE IS CORY COUPERSPORT 3 NH COUDERSPORT 6 E COVINGTON 2 WSW	1721 CRAM 1723 FAYE 1729 FAYE 1737 MONT 1749 CLAE 1773 ALLE 1790 ERIE 1806 POTT 1809 POTT 1833 TIO	ETTE ETTE GOMERY RION EGHENY ER ER	1, 41 46 17 40 01 17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 45 16 41 46 15 41 44	80 15 79 36 79 33 75 19 79 13 80 05 79 39 78 03 77 53 77 07	1110 870 1300 70 1180 720 1440 2020 2425 1745	8 8 8 8 8 8 8 8 8 7 8 8 8 7	A A A A P A A	С	MRS. RALLA J. TAUTIN MARSHALL 8. MENEFEE HARRY C. JOY PHILA. ELECTRIC CO. RA. DEPT. FRST. + NTRS. PGH. COXE + CHEM. CO. RICHARO T. MOUNTAIN MISS ELIZABETH NEFF MRS. HENRIETTA O DEITER CALVIN R. PACKARO	NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW PALM PALMERTON	6289 6297 6310 6326 6370 6396 6622 6681	FAYETTE YORK PERRY WESTMORELAND LEHIGH MONTGOMERY ERIE BRADFORD MONTGOMERY CARBON	10 40 05 15 39 44 6 40 29 10 40 13 14 40 41 14 40 07 8 42 12 15 41 55 14 40 26 9 40 48	79 54 76 30 77 08 79 36 75 45 75 21 79 49 76 18 75 32 75 37	780 400 980 570 75 1060 1340 385	7A 7A MIO MIO 6P MIO 8A 9A	н	GENERAL CHEMICAL CD. CLINTON JA ALLEN MRS. FRANCES K. FRY PA. TURNPIKE COMM. FRED C. OSWALO BOROUGH OF NORRISTOWN ELLSWORTH MEAVER ELMER T. MOORE FRED C. ESCHBACH NEW JERSEY ZINC CO.
	CREEKSIDE CRESSON 2 SE CUSTER CITY 2 W OANVILLE OEVAULT 1 W DINGMANS FERRY DIXON OONEGAL OONORA OOVLESTORN	1881 INOI 1895 CAMB 1978 MC K 2013 MONT 2116 CHES 2160 PIKE 2171 WYOH 2183 WEST 2190 WASH 2221 BUCK	EAN TOUP STER STER SING TMORELAND HINGTON	1 40 41 6 40 27 1 41 55 15 40 58 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 18	79 12 78 34 78 41 76 37 75 33 74 52 75 57 79 23 79 52 75 08	430 750 1746	7 7 7 MIO MII 7A 7 MIO MII 5R 5	A D A D P	С С Н	CORPS OF ENGINEERS FRED A. RLEMPEL INACTIVE 12/59 MRS. MARIE H. LITTLE PA. TURNPIKE COMM. THOMAS A. HOTALEN HAROLD J. KUSCHEL RA. TURNPIKE COMM, THEODORE F. MATHUES GEORGE HAPT	PARKER PARKER 1 E PAUPACK 2 WNM PHIL OREXEL INST OF TEC PHILAGELPHIA WE AP PMILAGELPHIA WE AP PMILAGELPHIA WE AP PMILAGELPHIA WE AP PHOENIXVILLE 1 E PIKES CREEK RITTSBURGH WB AR 2	6724 6762 6879 6889 6899 6916 6927 6939	ARMSTRONG CLARION RIKE RHILAGELPHIA RHILAGELPHIA PHILAGELPHIA CHESTER CHESTER LUZERNE ALLEGMENY	5 39 53	79 41 79 40 75 14 75 11 75 15 75 12 78 05 75 30 76 08 80 13	7 32 1918 105 1320		C H	LOUIS A. MALARREY P. M. NEELY MISS L. WETTERLEIN FRANCIS K. OAVIS .R. U U.S. WEATHER BUREAU ATLANTIC REFINING CO- FED. AVIATION ACENCY MARRY SHELDON U.S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WELDON U.S. WELDON
	ORIFTWOOD OU BOIS 7 E DUNLO OUSMORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG ED INBORO EMPORIUM 1 N EMGLISH CENTER	2245 CAME 2265 CLEA 2298 CAME 2325 SULL 2343 SULL 2363 CAME 2466 CAME 2514 ERIE 2635 CAME 2644 LYCO	ARFIELD BRIA LIVAN LIVAN BRIA ERON	16 41 20 16 41 06 4 40 17 16 41 29 16 41 24 1 40 59 4 40 29 1 41 52 16 41 32 16 41 32	78 D8 78 36 78 43 76 25 76 35 79 37 78 43 80 08 76 14 77 17	880 1670 2410 1910 2020 820 2090 1220 1560 880	5P 5 7A 7 5R 5 7P 7 8A 8 7A 7	A A P A A	C C C C H	SIGNEY KENNEDY CITY OF DU BDIS MRS. O. L. WHITE ROBERT J. DBERT FRANCIS B. HANLEY A. B. KEMPEL ROBERT A. WASSER ED INBORO ST. TCHR. CDL. WILLIAM SUDERS	RITTSBUPCH WB CITY RLEASANT HOUNT 1 W PORT CLINTON POTTSVILLE PUNXSUTAWNEY RUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYMOND 1 PERGING WB CITY RENOVO	7029 7116 7161 7217 7229 7239 7310 7318	ALLEGMENY WAYNE SCHUYLKILL SCHUYLKILL JEFFERSON ARMSTRONG BUCKS POTTER BERKS CLINTON	11 40 27 5 41 44 14 40 35 14 40 42 1 40 57 1 40 55 5 40 26 13 41 52 14 40 20 16 41 20	80 00 75 27 76 02 76 11 79 00 79 17 75 20 77 52 75 58 77 45	1800 450 690 1300 1270 490	8A 8A 5P 7A 7A MID MID	C H	USS. WEATHER BUREAU WILLIAM POLIVKA MRS. AOA E. RARICK LLOYD E. WELLER CARL E. ROTOLO CORPS OF ENGINEERS OENNIS K. FLUCK MRS. RACHEL LANGAN JUSS. WEATHER UNEAU LUMER G. BATSCHELET
	EPHRATA EQUINUNK 2 ERIE CO FIELO RSCH LAB ERIE WB AIRPORT EVERTT I SW FARREL SHARON FORO CITY 4 S DAM FRANKLIN FREELANO GALETON	2662 LANG 2671 WAYN 2673 ERIE 2682 ERIE 2721 BEDF 2814 MERS 3028 VENA 3056 LUZE 3130 POTT	ORO ER STRONG ANGO ERNE	15, 40 11 5 41 51 8 42 13 8 42 05 6 40 00 2 41 14 1 40 43 15 41 01 16 41 44	76 10 75 13 79 51 80 12 78 23 80 30 79 30 79 49 75 54 77 38	965 910 740 732 1020 855 950 987 1900 1365	7 MID MI 8A 8 7P. 7	D A P A 8A A	СН	STANLEY L. VON NEIDA MRS. HEMRIETTA MURRY FIELO RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIKE COMM- SHARON STEEL CORP. CORPS OF ENGINEERS JAMES A. RHOADS ANDREW B. EVANSHA STANLEY G. LUSH	PENDVO 5 S REW RICES LANDING L 6 RIDGWAY ROCHESTER 1 N RUSSHULLE RUSSELL SAFE HARROR SAGAHORE 1 S SALINA 3 W	7425 7443 7477 7540 7727 7729 7732 7739	CLINTON MC KEAN GREENE ELK BEAVER SUSOUEHANNA WARREN LANCASTER INDIANA WESTMORELANO	16 41 14 1 41 54 10 39 57 1 41 25 2 40 43 15 41 47 1 41 56 15 39 55 1 40 46 7 40 31	77 46 78 32 80 00 78 45 80 18 76 07 79 08 76 23 79 14 79 33	2035 2250 775 1360 900 870 270 1320 1109	8A 8A 7A 8A	c	C. F. BILLETTE EDMARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIDGMAY DEDUESHE LIGHT CO- CARL KOPALE MIKE L. FERPIE SAM, WATER, ONCEPPE CORRS OF ENGINEERS MUN. AUTH, WSTHRLD, CO.
#	GEIGERTOWN GEORGE SCHOOL GETTYSBURG 1 GETTYSBURG 1 S GIFFORD GLENCOE GLEN HAZEL 2 NE OAM GLENHOOPE GLEN COCK GLENWILLARO DASH OAH	3189 BERK 3200 BUCK 3218 ADAH 3223 ADAH 3237 HC K 3298 SOME 3311 ELK 3321 CHES 3330 YORK 3343 ALLE	S IS IS IS IS IS IS IS IS IS IS IS IS IS	14 40 13 5 40 13 12 39 50 12 39 48 1 41 51 12 39 49 1 41 34 5 40 06 15 39 48 11 40 33	75 50 74 56 77 14 77 14 78 36 78 51 78 36 75 47 76 44 80 13	400 135 540 530 2220 1620 1725 440 620 705	8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	A A A	CCC	WALTER C. WOLF GEORGE M. HART HUGH C. MC ILHENNY NATIONAL MILITARY PARK INACTIVE 12/59 MRS. MARY M. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. HC WILLIAMS CORPS OF ENGINEERS	SATION SCANDIA 2 E SCHENLEY LOCK 5 SCRANTON SCRANTON MB AIRPORT SELLERSVILLE 2 NM SMADE GAR 2 NE SMAMOKIN SMEFFIELD 5 M SMIPPENSBURG	7855 7863 7902 7905 7938 7965 7978 8026	BEDFORO WARREN ARMSTRONG LACKAWANNA LUZERNE BUCKS HUNTINGOON NORTHUMBLAND WARREN FRANKLIN	6 40 12 1 41 55 1 40 41 15 41 25 15 41 20 5 40 23 6 40 12 15 40 48 1 41 42 15 40 03	78 15 79 01 79 40 75 40 75 44 75 20 77 52 76 33 79 08 77 32	530 920 770 1920 709	7A 7A MID MID	C H	SELLERSVILLE WATER CO- MRS- HELEN H- PYLE ROARING CREEK WATER CD- WILBUR R- NORDIN KEITH 8- ALLEN
B	GDULDSBORD GRATERFORD GRATERFORD 1 E GREENSBORD LOCK 7 GREENSBURG 2 E GREENVILLE HAMOVER HARRISBURG WB AP HARRISBURG WB AP HARRISBURG NORTH HAWLEY	3394 WAYM 3435 MONT 3437 MONT 3503 GREE 3515 WEST 3526 MERG 3662 YORK 3699 YORK 3704 DAUF 3758 WAYM	TGOMERY TGOMERY ENE THORELAND TER C	9 41 15 14 40 14 14 40 14 10 39 47 10 40 18 2 41 24 15 30 13 15 40 18 5 41 29	75 27 75 27 75 26 79 55 79 31 80 23 76 59 76 51 76 54 75 10	1890 155 240 808 1225 1026 600 335 323 880	7A 7 7 7 7 7 7 7 7 6 P 6 8 A 8 8 H 10 M 1 9 7 A 7	A A A P A Di	C H7	OANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. DEPT. MIGHNAYS C. EARL MILLER HANOVER EVENING SUN U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES	SINNEHAHDNING SIZERVILLE SLIPPERV ROCK SMETHHORT HIGHWAY SHED SOMERSET FAIRVIEW ST SOUTH CANAAN I NE SOUTH HOUNTAIN SPRING GROVE STATE COLLEGE STATE COLLEGE 2	8155 8184 8190 8244 8275 8308 8379 8449	CAMERON CAMERON BUTLER MC KEAN SOMERSET WAYNE FRANKLIN YORK CENTRE	16 41 19 16 41 36 2 41 04 1 41 48 17 40 01 5 41 31 12 39 51 15 39 52 16 40 48 16 40 48	78 05 78 11 80 03 78 27 79 05 75 24 77 30 76 52 77 52 77 52	790 1230 1345 1510 2140 1400 1520 470 1175 1180	7A 7A 8A	C C G	HRS. FRANCES CALDMELL MRS. AGNES LION RAYMONO E. HILLER PA. DEPT. HIGHWAYS HOWARD G. PECK EUGENE M. CONHALTH PA. DEPT. OF LIFP CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY PA. STATE UNIVERSITY
N	HAWLEY 1 S OAM HOLLI DAYSBURG HOLLI STERVILLE HOLTWOOD HOME HOMESOALE 4 NW HONESOALE 6 NNN HONEY BROOK 1 W HOP BOTTON 2 SE HUNTI NGDON	3761 WAYN 4001 BLA1 4008 WAYN 4019 LANG 4027 IND 4043 WAYN 4044 WAYN 4047 CHES 4066 SUSG 4159 HUNT	R SESTER LANA SE STER DUEHANNA	5 41 28 6 40 26 5 41 23 15 39 50 1 40 45 5 41 37 5 41 39 5 40 06 15 41 43 6 40 29	75 11 78 24 75 26 76 20 79 06 75 19 75 17 75 56 75 43 78 01	1200 960 1360 187 1220 1410 1050 700 900 640	9 7 7	A. A	C H C	PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. HRS. EDNA H. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. M. KURTZ JOSEPH J. SAMAUSKAS JAMES R. GIENGER	STILLWATER DAM STOYSTOWN STRAUSSTOWN STROUSSTOWN STROUDSBURG STUMP CREEK SUNBURY SUSDUEHANNA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA TAMADUA	8560 8570 8589 8596 8610 8668 8692 8758 8763	SUSDUEHANNA SOHERSET BERKS INOIANA MONROE JEFFERSON NORTHUMBLAND SUSQUEHANNA SCHUYLKILL SCHUYLKILL	15 41 57 14 40 48 14 40 51	75 29 78 57 76 11 78 55 75 12 78 50 76 47 75 36 75 59	1645 1800 600 1880 480 1320 480 1020 830 1120	7A 7A 7A 7A 7A	c	CORPS OF ENGINEERS VERNON MONG JACOB KLAHR HARRY F. BENNETT WILLIAM HAGERTY CORPS OF ENGINEERS CHARLES W. BAYLER MKS. LAURA A. BENSON MKS. MARY L. ROBERTS PANTHER VALLEY WTR. CO.
*	HUNTSDALE HYNDMAN INDIANA 3 SE JACKSON SUMHIT JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN JOHNSTOWN KARTHAUS	4166 CUHE 4190 BEDF 4214 INO 4304 TIDG 4305 CRAM 4363 LYCG 4363 LYCG 4369 CAME 4390 CAME 4492 HC I	FORD IANA SA WFORD OMING SRIA SRIA	15 40 06 12 39 49 4 40 36 15 41 57 2 41 30 16 41 12 4 40 20 4 40 19 1 41 41 16 41 07	77 18 78 44 79 07 77 01 80 28 77 15 78 55 78 55 78 48 78 07	610 960 1102 1690 1050 541 1214 1275 1750 950	7P 7 8A 8 7 9A 9	A A A A A	ССН	METRO P. ODROSH DOMAID LEHMAN CLYHER WATER SV. CO. ARCHIE LAIN PA. DEPT. FRST. + WTRS. GEORGE R. WADDELL JOHNSTOWN TRIBUME CITY OF JOHNSTOWN RUDOLPH A. ANDERSON WILLIAM J. HOWE	TAMARACK 2 S FIRE TWR TIDNESTA 2 SE DAM TITUSVILLE TITUSVILLE WATER WORKS TOBYMANNA TORPEDO 4 W TOWANDA 1 ESE TOMER CITY 1 S TROY TUNNELTON	8873 8885 8888 8893 8901 8905 8912	CLINTON FOREST CRAWFORD CRAWFORD MONROE WARREN BRADFORD SCHUYLKILL BRADFORD INDIANA	16 41 24 1 41 29 11 41 38 1, 41 38 5 41 11 1 41 47 15 41 45 15 40 34 15 41 47 4 40 27	77 51 79 26 79 40 79 42 75 25 79 32 76 25 76 33 76 47 79 23	2220 1200 1550 1220 1950 1735 745 790 1100 890	8A 8A 7P 7P 5P 5P 7A 7P 7A 7A 7A	C H	CORPS OF ENGINEERS PA. ELECTPIC CO. CITY OF TITUSVELLE HRS. JULIA GRADY MRS. LILY B. GARBER LEVERN ROOT

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### STATION INDEX

ON INU																						1962
STATION	INDEX NO.	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	VATION	T	SERVA IME A TABLI	IND ES	OBSERVER		INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION		TAB	AND		OBSERVER
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\* 1-ALLIXCHENY: 2-BEAVER, 3- 4-CONEMAUGH; 5-DELAWARE, 6-JUNIATA; 7-KISKIWINETAS; 8-LAKE ERIS; 9-LEMIGH; 10-MONONGABELA; 11-OHIO; 12-POTOMAC; 13-LAKE ONTARIO; 14-SCHUYLKILL; 17-YOGGHIOCHENY

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Narrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin

Montbly and seasonal snowfall and beating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this bulletin

Stations appearing in the ladex, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the megative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table": "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time.

During the summer months some observers take the observations on daylight saving time.

s on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and Faa stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

- In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following
  - C seconding hain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. 6 "Soll Emperatures Table.

    H "Smowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

    J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

OTHER REPERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Teaperature" Table indicated by no entry.
Interpolated values for monthly precipitation totals may be found in the annual issue of this publication,
Station Index.

\*\*And also on an earlier date or dates.

\*\*And also on an earlier date or dates.

\*\*Ansuation Included in following measurement, time distribution unknown.

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\*\*On the roof observation column in Station Index means observation meden ear sunset.

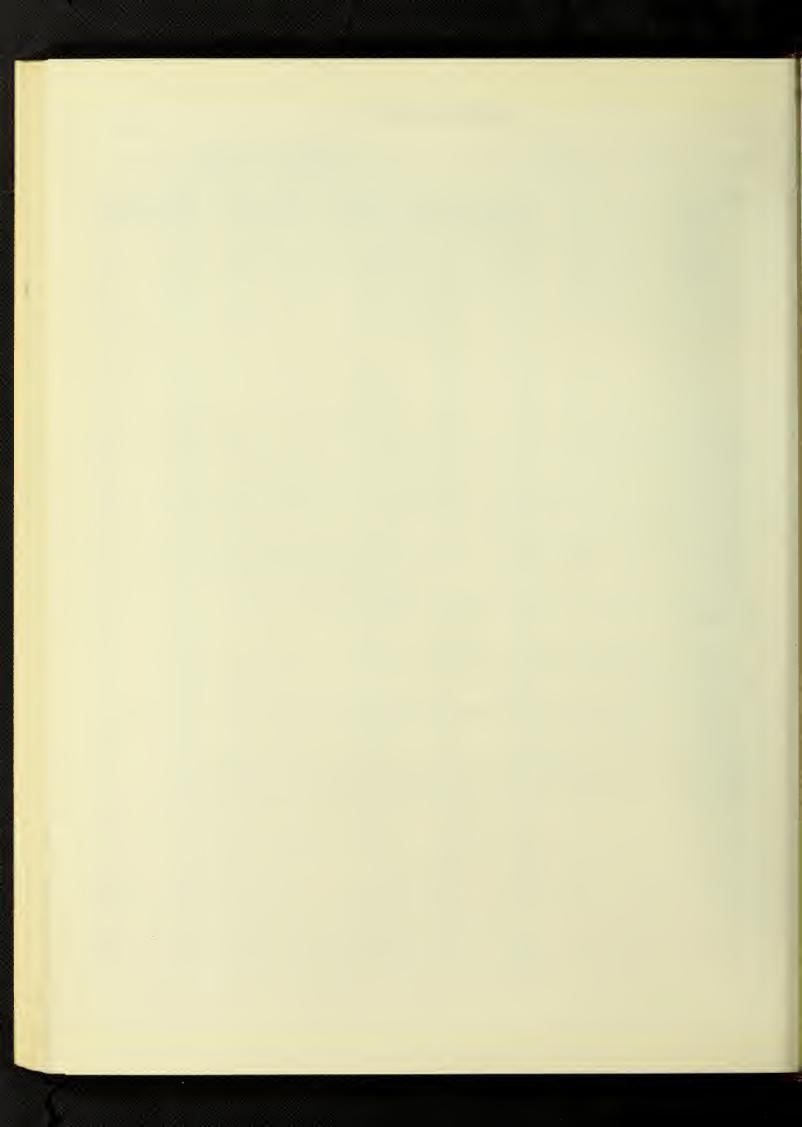
\*\*Vince of the station have been adjusted to represent the value for a following day.

\*\*Vince of the station have

General weather conditions in the U. S. for each month are described in the publications by D.D.R. REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, The publications are provided from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, and STORM OATA, all of the Storm OATA, and STORM OATA, all of the Storm OATA, and STORM OATA, all of the Storm OATA, all of the Storm OATA, all of the Storm OATA, and the Storm OATA, all of the Storm OATA

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, 0. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, other data doshoe, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be ment to the Superintendent of Documents, Government Printing Office, Washington 25, O. C.



### U. S. DEPARTMENT OF COMMERCE

.05

WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

SEPTEMBER 1962 Volume 67 No. 9



ASHEVILLE: 1962

NOV 23 1962 UNITED TO BURGS

			-	Tem	perotu	ıre											Precip	pitotion					
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POCONO MOUNTAINS																							
BEAR CREEK OAM FREELAND HAWLEY PLEASANT MOUNT 1 W SCRANTON WB AIRPORT STROUDSBURG TOBYHANNA	65.7 66.1M 69.6 65.1 71.3 69.0 71.0 64.5	43.0 49.0M 42.7 41.7 47.5 50.0 44.8 43.4	54.4 57.6M 56.2 53.4 59.4 59.5 57.9 54.0	- 4.0 - 2.0 - 5.1	86 83 91 85 91 87 90 83	1 1 1 1 1 1 1	27 27 32 33 27	21 22 22 21 21	332 246 285 357 198 199 236 335	0 0 1 0 1 0 1 0	00000000	3 1 3 5 1 0 2 4	00000000	3.31 4.09 2.83 3.77 2.34 3.14 3.59 4.59	•14 - •87 - •41 - •69 •17 - •70 •19	1.32 1.10 1.70 .85 1.43 1.03	28 28 28 27 27	•0	0 0		10 5 8 6 5 8 11	2 1 2 1 3	1 0 1
DIVISION			56.6	- 4.3									1	3 • 4 6	- •35			•0					
EAST CENTRAL MOUNTAINS							1																
ALLENTOWN WB AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON	70.3 72.0 70.7 69.2 70.9	50.5 48.4 55.4 49.0 43.2	60.4 60.2 63.1 59.1 57.1	- 4.3 - 4.8 - 3.7 - 4.4 - 6.3	88 91 93 88 91	1 1 1 1	36 34 43 32 27	21 21 22 21 21	174 181 130 212 259	0 2 1 0 2	00000	0 0 0 1 2	00000	4 • 28 4 • 82 4 • 19 4 • 89 8 • 31	.53 1.07 .63 .90 3.99	1.10 I.33 .78 1.23 3.01	28 28+ 27	- 00			7 10 9 8 9	3	1 0 2
DIVISION SOUTHEASTERN PIEDMONT			60.0	- 3.9										5.30	1.45				1				
COATESVILLE 1 SW DEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORO 1 E HOLTWOOD LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LEBANON 3 W	74.2 71.3 71.2 72.6 71.5 73.1 73.3 71.5 70.4 73.9	49.4 48.9 51.0 49.6 48.0 56.0 46.6 49.4 50.7 58.3	61.8 60.1 61.1 59.8 64.6 60.0 60.5 60.6 66.1	- 3.9 - 5.5 - 5.1 - 4.2 - 5.4 - 4.9 - 4.1	93 90 90 89 90 94 91 92 91	2+ 1 1 2 2+ 1 1 2	35 34 36 35 33 41 29 35	23+ 30+ 21 22 23+ 21 21 23+ 22+ 21	155 180 154 157 187 90 185 184 180		0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	3.15 4.19 3.60 3.88 3.90 1.83 3.31 3.14 4.67	34 16 .22 - 1.38 20 .78 .21	1.40 1.35 1.60 1.18 .74 .95 1.52	2 2 3 3 28 28 28 28 28 28				8	3 3 3 3 3 5 1 5 1 5 5 1 1 1 1 1 1 1 1 1	2 2 2 2 2 1 0 0 1 1 1 4 1
MARCUS HOOK MORGANTOWN MT GRETNA 2 SE NORRISTOWN PHIL DREXEL INST OF TEC PHILADELPHIA WB AP PHOLADELPHIA PT BREEZE PHOENIXVILLE 1 E OUAKERTOWN 1 E READING WB CITY R WEST CHESTER	73.9 70.9 71.3 74.2 73.1 72.7 72.4 74.4M 72.3 72.3 74.1	50.2 47.0 53.3 56.8 53.4 58.3 49.4 47.7 55.0 50.2	60.6 59.2 63.8 65.0 63.1 65.4 61.9M 60.0 63.7 62.2	- 3.6 - 4.4	90 91 92 89 89 89	1 1 1 1 1 1 1	25 32 37 42 39 46 34 31 39	30 21 21 21 22 21 22+	170 203 104 80 109 76 140 179 114	1 1 0 0 0 1 0 1	00000000	2 1 0 0	0000000000	4.28 4.27 3.54 2.92 2.77 2.91 4.55 3.62 4.39 2.92	69 42 1.90 12 1.07 88	1.34 .83 1.41 1.27 1.32 1.52 1.52	2 3 17 7 3 27 27 27 27 27 27 2 27 2 27 2	000				7 27 27 26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	3 2 4 0 2 2
OIVISION			62.0	- 4.8										3 - 5 6	•04			•					
LOWER SUSOUEHANNA																							
ARENDTSVILLE BLOSERVILLE 1 N CARLISLE CHAMMERSBURG 1 ESE GETTYSBURG HANOVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	73.4 71.1 73.7 71.5 72.8 74.2 72.5 72.8 73.9 75.4	49.8 50.7 50.1 49.8 51.5 51.3 53.0 49.3 51.1 49.9	61.6 60.9 61.9 60.7 62.2 62.8 62.8 61.1 62.5 62.7	- 3.9 - 4.6 - 5.2 - 4.7 - 4.1 - 3.6	93 89 87 95 94	1	33 36 33 31 35 37 37 32 34	21 22 22+ 21 22 21	168 179 155 167 156 142 126 173 134	1 0 0 0 0 2 2 3 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0	0 0 2 0 0 0 0 1 0	0 0 0 0	5 · 22 4 · 50 4 · 47 3 · 89 3 · 56 2 · 73 3 · 59 3 · 93 4 · 43 2 · 29	1.04 1.36 .59 .24 35 .77 .82	2.30 1.3: .7' 1.2' 1.1 .9: 1.6: 1.3	2 28 5 27 5 28 1 28 2 2 2 5 4 28	•	0	000000000		6 7 7 7 5 9	2 2 3 1 3 2 3 0 2 1 2 1 3 0 3 1 4 1
OIVISION			61.9	- 4.4										3.86	•68				0				
MIOOLE SUSOUEHANNA																							
BERWICK ENGLISH CENTER LEWISTOWN MILLVILLE 2 SW NEWPORT SUNBURY TOWER CITY 1 S WILLIAMSPORT WB AP	70.9 69.5N 72.7 68.3 71.7 71.4 67.9 69.3	49.0 40.5M 50.2 45.0 49.3 47.7 45.5 49.3	60.0 55.0M 61.5 56.7 60.5 59.6 56.7 59.3	- 4.8	88 90 95 89 93 92 87 84	1 1 1 1 1 1	33 29 36 33 34 32 29 36	21 22 22 22 21 21	181 297 166 263 182 198 267 200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0000	5 0 0 0 1 2	0 0 0 0	2.95 5.48 3.40	2.45	1.1	3 28 0 28 4 28 8 28 5 28 5 28		0000000	0000000		6 9 7 8	2 1 2 1 3 2 2 0 4 1 2 2 3 1 1 1
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UPPER SUSOUEHANNA																							2
AUSTINBURG 2 W CANTON 1 NW DIXON EAGLES MERE LAWRENCEVILLE 2 S MONTROSE TOWANOA 1 ESE WELLSBORO 3 S	67.4 66.5 69.7 62.1 69.3 65.6 70.6 64.9	43.0 43.2 43.8 46.6 43.3 43.5 45.0 44.5	55.2 54.9 56.8 54.4 56.3 54.6 57.8 54.7	- 5.4 - 4.7	87	1 1 13 1 13 1 13	30 33 29 32 28 26 29 33	22+ 21 22+ 21 23 21	304 315 264 327 275 327 327 327 314	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 3 2 4 3 3	0000		•57	.9 2.2 .9 1.6	9 28 3 29 9 28 5 28 1 28		0	0000000		7	3 2 3 0 2 1 2 0 1 1 2 1 2 2 4 1
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CENTRAL MOUNTAINS																							
BELLEFONTE 4 S DU BOIS 7 E EMPORIUM 1 N LOCK HAVEN MADERA PHILIPSBURG FAA AP	70.8 67.3 65.7 70.1 66.3 63.1	44.7 45.1 41.3 45.8 41.3 42.3	57.8 56.2 53.5 58.0 53.8 52.7	- 6.6	94 87 89 93	1 1 1 1 1	30 32 29 32 31 29	2 20 2 22 2 21 3 30+	250 27 340 23 340 370	7 0 8 0 7 1 0 1		0 1	0 0	5.0 5.0 4.6	7 2 5 1•51	2 • 2 1 • 9 2 • 1 2 • 4 2 • 2 1 • 8	0 28 4 28 2 28 5 28		00000	000000		8 8 0 9	2 1 1 1 3 1 2 1 6 1

See Reference Notes Following Station Index

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Station									-	No. of				-	>		Sno	w, Sleet		1	10. o	f Doy
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DGWAY TATE COLLEGE	67.4 68.1	42.2 48.8	54.8 58.5	- 5.1 - 4.4	87 92	1	32 224 36 21	308 228	0	0	4	0	4.29 4.15	1.04	I.61 1.78		•0			10		1 1
DIVISION			55.7	- 5•6									4 • 8 9	I • 86			•0					
OUTH CENTRAL MOUNTAINS																						
TOONA HORSESHOE CURVE IRNT CABINS 2 NE IENSBURG IERETT 1 SW INTINGDON IMNSTOWN IGG IRTINSBURG FAA AP DIVISION	69.0 72.6M 67.I 71.5 71.3 70.1 69.1	47.2 50.0M 45.6 49.7 M 48.8 47.4 48.9	58.1 61.3M 56.4 60.6 M 60.I 58.8 59.0	- 4.7 - 4.7 - 2.6	95 82 95 96 86	13 1 1 1 13 14	33 224 29 21 33 30+ 31 21 31 23 32 21 32 22 35 21	231 162 270 186 181 209 208		0 0 0 0 0 0	0 1 0 1 3 1 1 0 0	0	6.61 5.28 6.52 3.82 5.82 7.19 2.51 5.51	3.55 3.43 2.82 4.20	1.75 2.00 2.76 1.52 1.88 2.01 .90	28 3 28 28 27	000000000000000000000000000000000000000	000000000000000000000000000000000000000		9 10 10 4 10 6 7	3	1 2 3 3 0
SOUTHWEST PLATEAU																						
AKERSTOWN 3 WNW  AIRSVILLE 6 ENE URGETTSTOWN 2 W  JTLER  AYSVILLE 3 W  NFLUENCE 1 SW DAM  NEGAL  NORA  NORA  NOT CITY 4 S DAM  DIANA 3 SE  ARION CENTER 2 SE  NOTOMERY LOCK ANO OAM  EW CASTLE 1 N  EWELL  STANTON  ITTSBURGH WB AP 2 //R  ITTSBURGH WB AP 2 //R  ITTSBURGH WB CITY R  JTNEYVILLE 2 SE OAM  ALINA 3 W  IPPERY ROCK  OVSTOWN  IONTOWN  ION	72.4 65.5 70.6 71.1M 72.2 71.0 68.4 73.9 71.8 69.3 65.8 73.1M 74.3 75.4 72.0 70.3 69.5 71.4 69.5 71.0 71.0 71.0 71.0 71.0 71.0	48.6 50.3 44.1 43.9M 46.5 45.2 51.8 46.4 46.8 46.8 46.8 47.9 46.0 47.9 46.0 47.3 50.2 47.3 50.2 45.2 51.8	60.5 57.9 57.9 57.5 60.1 58.8 56.8 62.9 59.1 57.0 62.2M 61.1 63.2 59.0 58.6 62.7 57.2 60.3 56.3 62.3 59.3	- 6.6 - 4.2 - 5.0 - 3.6 - 5.6 - 4.6	90 92 88 93 89 99 88 87 88 95 88 87 88 88 88 88 88 88 88 88 88 88 88	1 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	35 20 36 21+ 30 21 31 20 27 21 32 22 28 21 37 21 34 22 33 30 33 22+ 33 23 42 21 31 20 37 23 31 22 31 20 37 23 22+ 33 23 42 21	184 227 253 2485 2166 257 2166 227 240 170 170 153 209 216 257 211 1280 156 210	000111000000000000000000000000000000000	000000000000000000000000000000000000000	000331221220000000000000000000000000000	000000000000000000000000000000000000000	5.09 9.62 7.81 3.75 6.04 5.49 5.49 5.49 6.02 6.29 4.02 6.29 4.02 6.29 4.02 6.29 3.15 7.26 8.30 7.26	.67 2.84 2.73 .35 2.15 3.62	1.544 4.09 3.29 1.55 1.80 2.92 2.95 2.35 2.35 2.35 1.36 2.73 2.75 2.01 1.13 2.18 2.18 3.18 3.18 3.18 3.18 3.18 3.18 3.18 3	2 2 2 2 2 8 2 2 2 8 2 8 2 8 2 8 2 8 2 8		000000000000000000000000000000000000000		10 9 12 7 13 11 10 8 8 10 10 11 1 8 11 8 10 9 11 18 9 10 11	2 4 4 2 3 3 4 3 2 5 5 2 1 4 4 4 4 2 4 1 5 5 2	3 2 1 2 1 2 1 2 2 2 3 1 2 1 3 0 3 2
ORTHWEST PLATEAU  ADFORD FAA AIRPORT AOFORD 4 W RES ARION 3 SW ERMONT 4 NW NNEAUTVILLE RRY  UDGERSPORT 3 NW BOIS FAA AIRPORT ST BRADY IE WB AIRPORT RRELL SHARON ANKLIN EENVILLE MESTOWN 2 NW NE 1 NNE AOVILLE 1 S RCER 2 NNE ONESTA 2 SE DAM TUSVILLE WATER WORKS RREN  DIVISION	63.2 67.0 70.1 63.7 70.8 68.8 64.3 65.9 74.4 67.9 73.8 70.4 74.3 70.6 69.5 71.4 67.6 65.5 68.1	42.7 41.5 45.6 41.9 46.2 45.8 39.0 46.5 253.2 253.2 253.2 45.7 48.7 45.6 45.9 45.9 45.9 45.9	53.0 54.3 57.9 52.8 58.5 57.3 51.7 56.2 60.6 63.0 58.1 61.5 58.6 57.6 57.6 57.5	- 4.4 - 2.7 - 3.1 - 4.5 - 2.2 - 4.5	86 86 82 91 85 80 84 90 86 89 91 88 87 88 88 83	13 1 13 13 13 13 13 13 13 13 13 13 13 13	28 21+ 26 21 32 20 24 21+ 32 7 24 7 35 30+ 32 20+ 31 7 25 21 34 20+ 31 7 25 21 34 30+ 27 7 32 27 32 27 33 7 34 22+ 37 7	357 329 235 370 256 396 273 140 2159 222 243 270 244	000000000000000000000000000000000000000	000000000000000000000000000000000000000	3 8 1 7 1 3 10 0 0 0 0 1 0 0 0 1 0 0 0 1	000000000000000000000000000000000000000	5 · 73 5 · 58 4 · 67 5 · 78 4 · 65 3 · 88 5 · 34 3 · 96 5 · 01 4 · 94 2 · 73 3 · 48 2 · 92 3 · 60 4 · 24 4 · 4 · 12 4 · 3 · 4 8 · 4 4 · 58	.30 1.38 .02 .35 04 .39 1.23	1.69 2.25 1.51 2.53 1.40 1.90 2.09 1.03 1.30 1.60 8.82 .71 1.01 1.85 1.02 .92 1.37 1.175	28 28 28 28 28 27 1 28 28 28 28		000000000000000000000000000000000000000		8 11 11 10 11 7 7 11 9 11 11 11 9 9 10 8	3 3 2 2 3 3 3 3 2 1 2 1 2 1 3 2	1 1 1 1 2 1 0 0 0 1 1 0 1

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature:  $96\,^{\circ}$  on the 1st at Arendtsville and Johnstown.

Lowest Temperature:  $24\,^{\circ}$  on the 21+ at Clermont 4 NW, and on the 7th at Coudersport 3 NW.

Greatest Total Precipitation: 10.02 inches at Indiana 3 SE.

Least Total Precipitation: 1.83 inches at Holtwood.

Greatest One-day Precipitation: 4.09 inches on the 2d at Blairsville 6 EME.

Station	Total	1 2	3	4	5	6	7	8	9	10	11 13		Day of M	15	16	17	18	19	20	21	22 2	3 24	25	26	27	28	29	30
METONIA LOCK 3 LENTOWN W8 AP R LENTOWN GAS CO TOONA HORSESHOE CURVE	6 • 34 4 • 28 4 • 82 6 • 61	.01 2.30 T .78 .28 .02 1.08	.38	•01 •03 •83	•57 •59 •58 •69	•30 •18 •20				.06 .36	•05 T •42		•11 •06	•04		•04 •50 T •29	•09 •56 •02 •33	• 25	•09 •25 •09			01	•03	•17 •06 •02	1.10 .20 1.10	2.08 .52 1.33 1.75 2.02	•05 •16 •03	
RENDTSVILLE  USTINBURG 2 W  KKERSTOWN 3 WNW  KRNES  EAR DEEK OAM	5.22 6.12 5.09 4.93 3.31	1.54 .11 .30	• 46	•45	.26 .23 .10 .34	.23 .20 .10			•09	•19 •12	2.18 T .36 .22 .49	r		T •28		.61	•10 •36 •25 •15	.12 .11 .30 .10	•25 •04 •30 •10					.43 .38 .15	T •37	1.87 1.25 1.50	.68 .10 .80	• 3
AR GAP  EAVER FALLS EAVERTOWN CHTELSVILLE ELLEFONTE 4 S ENNE	4.42 5.07 5.01 4.55 5.25	.06 1.23 .22 T	.05 .24 .88 .30	.06	.21 .92 .43 .46	.06 T .12 .16			т	•31	•07 •21 •61 •27		•13 •02	т		•05	•05 •22 •77 •06	Т	•12 •07 •26 •21 •34	Т		• 0 2 T	т	•22 •03 •10 •10	T •23	1.50 2.85 1.67 2.22	.35 .27 .58 .43	Т
ERWICK ETHLEHEM ETHLEHEM LEHIGH UNIV LAIRSVILLE 6 ENE LOSERVILLE 1 N	3.60 3.87 4.19 9.62 4.50	T .09 * .78 T 4.09 .20	•75	•10 •20 •79	• 40 • 42 • 45 • 46 • 64	•23 •21			·03	•55 •36 •20	•02 •36 •01		• 0 6 • 0 3 • 0 4	Т		•22 •03 •46 •28 •02	.03 .47	•11 •29 •20	.08 .23 .01 .05		T T	•05	T •02	•12 7 •04	*10 *14 *64	1.49	• 12	
SWELL 1 SW AGOOCK LOCK 2 ADFORD FAA AIRPORT AOFORO CNTRL FIRE STA AOFORO 4 W RES	6.68 6.32 5.73 4.91 5.58	1.30 .12 2.11 .50 T .10 .32		.10 .05 .29	.64 .36 .01 .09	•25 •55			•02	T •03 1•08 •08 •34	•10 •39 •40 •41		T • 04			•03	.41 .02 .35 .14	T •01 •20 •49 •43	•10 •19 •34 •25			•14	•32	• 22	1.69	1.89 1.64 1.19 2.09 2.25	• 03 • 59	T
EEZEWOOD UCETON 1 S FFALO MILLS RGETISTOWN 2 W RNT CABINS 2 NE	2.97 8.54 4.49 7.81 5.28			1.16		.69 .21 .85			•08	•01	• 72 • 10 • 24		•11 •51			•27 •01 •16	•01 •05		•21 •05 •25			•1 •32 •25	8 •20 •04 •07 •10	.06	• 24	1.19 1.05 1.16 2.00	•08 •12	
TLER MP KLINE NTON 1 NW RLISLE RROLLTOWN 2 SSE	3.75 3.85 2.99 4.47 6.15	.06	•18 •03	.91	•17 •21 •26 •25 •86	• 25 • 15				•36 •03 T	•05 •50 •51 T		• 0 : T	•07 •04	T	T •41	•10 •14	.04 .09 .04 .24	•30 •10 T			T •04	•03	•13 •10 •22	02 T		•11 •14 •57	T
RTER CAMP 2 W DAR RUN ADOS FORO AMBERSBURG 1 ESE ARLERO! LOCK 4	5.84 2.52 3.89 5.39	 .59 1.24	- }	.72	•40 •33 •44 •45	.10	-	-	-	•07	1.00 -		T • 3	T 0 +02		•04 •32	•18 •10 •43 •04 •10	•12 T	•18 •25 •14	T T	•03	•10	.08 T	•32 •20	•47	2.40 1.95 .91 .42 1.15	.75	Т
RENCE 1 E RRION 3 SW MUSSVILLE LYSVILLE 3 W EARFIELD	4.87 4.67 6.38 6.04 5.06		•18 •12 •19 •51 •25	T •16	.38 .68 .57 .25	.21 .02 .11 .08	Т	T	Т	.14 .02	.48 .15 .93 .24	T	T T +0	• 02		•77 •07	•12 •54	•02 •13	•29 •23 •34 •15 •30	T • 02		T T	•02	•12 •39 •06 •11	• 29 1 • 30	1.94 1.51 2.13 1.33 1.80	•26	•
RMONT 4 NW TESVILLE 1 SW HFLUENCE 1 SW OAM HFLUENCE 1 NW NEAUTVILLE	5.78 3.15 5.52 6.09 4.53	•02 •40 •64	• 27 • 36 • 41	T .35 .38 T	•33 •33 •56 •52 •08	•11 •02 •52 •30 •02			•15	T T •18	•62 •41 •73 •04		•0 T •2	T		T •04 T	•19 •51 •07 •19 •34	•38	•23 •09 •22 •20 •16	•11		· 25	T .03	•40 •12 •08 •15	2 .14	2.53 4 1.40 4 2.10 2 2.24 1.40	.03	1
MNEAUTVILLE 6 E NNELLSVILLE NSHOHOCKEN DKSBURG RAOPOLIS NEVILLE IS	5.75 3.63 4.31 3.91	* · 33	1.60	.06 .05	•07 •40 •19 •44 •36	• 03 • 15 T				•32 •12 •08	•10 •04 •31 •06		•4 •0	•10		•06 •02	•08 •42 •14 •13	- 17	- •18 T •32	- 02		 111 T T	•04	- •09 •31	. 90 1	1.53	•03	
RRY UDERSPORT 3 NW UDERSPORT 6 E VINGTON 2 WSW EEKSIDE	3 • 8 8 5 • 3 4 4 • 7 2 4 • 2 6 7 • 8 4	, •22 •21 T T	•01 T	•02 T	• 24 • 21 • 25 • 27 • 75	•18 •20 •50 •95	Т		• 15	•17 •03 T T	•63 •09 •72 •55	T T	•0 T	9 T T •0	7	•02 •11	•12	•24 •28	.02 .29	T			-10	• 3 • 4 • 1 • 1	1 T	7 1.90 2.09 2.40 1.66 2.60	•71 •73 •57	
ESSON 2 SE NVILLE VAULT 1 W XON NEGAL	7.78 3.50 4.19 3.94 7.23	1.35 T	•23	•20	. 24	.60 .20			т	T •04	•42 •75 •05		т	•0: •1:		•39	•62 •20	.13	•17 •23 •02		+10		•02	+ 14	1 6 1.3	2 . 29	•15	
NORA YLESTOWN BOIS FAA AIRPORT BOIS 7 E GLES MERE	5 • 4 5 4 • 4 8 3 • 9 8 5 • 0 7 3 • 3 1	1.57 .16 .11 .47 .31	т.	. 45 T . 34 . 22	.08 .27 .04 .45	•23			.02 .05	•17 •20 •34	• 26		• 1 • 0 • 0	1	, T	•11 •67 •65 •06		.25	.02 .20 .05		Т	Т	•01 •16 •06	6		0 .2	7 •02 2 •03 0 •19	
ST BRAOY ENSBURG PORIUM 1 N GLISH CENTER HRATA	5.01 6.52 5.02 3.30 3.60	Ţ	.83 .03	.18	.13 .74 .37 .34	.28 .25 .13				T •08	• 28 • 70 • 40	•19	• 0			•46 T •05		•17	•14 •24 •25		т		+1:	5 •0 •2 •3 •	7 1 T •0	5 1.08 2.76 2.14 4 1.43 8 .79	.23 .59 .62	
JINUNK 2 IE WB AIRPORT ERETT 1 SW RRELL SHARON RO CITY 4 S OAM	3 • 28 4 • 98 3 • 8 2 • 7 5 • 9	•02 : : •35 •11	1.52	.33		•14 •03 •25			•42				•27 •0 •1			•02	• 20 • 24 • 09	•14	•08 •06 •12	T • 03	Т	•19	+1: +2!	• 0	5 • 7	1.0 9 1.6 1.0 .8 2.3	8 •17 1 •06 2 •10 5 •08	
ANKLIN EELAND LETON IGERTOWN DRGE SCHOOL	3 • 41 4 • 01 4 • 01 4 • 64 3 • 81	•04			.23 • .30 .62 .20	• 07				•23	•50 •12 •31		Т	•0		• 0 4		•30	•18	• 07				• 2 • 1 • 2 • 0	0 * 3 1 •3 •4	2.2 1.5 19 1.5 0 1.0	2 .67 4 .89 0 6	
TTYSBURG EN HAZEL Z NE OAM ENMOORE ENWILLARD DASH OAM ULOSBORO	3 • 5 · 4 • 9 · 4 • 2 · 9 · 4 • 2 · 3 • 8 ·	.07 .11	•18	T	•24	.06 .19 .08			T	•12	3 •17 2 •52 •15		• 2	•0 •0 T •1		•18 •05 T	• 23 • 51 T • 12	.03	•10 •13 •05	Т		•09 T	•0	T .3 T .1 .1 .2	0 •0		5 .86 0 T	,
ATERFORO ATERFORO 1 E EENSBORO LOCK 7 EENVILLE NOVER	3 • 9 · 3 • 7 · 2 • 9 · 2 • 7 ·	•10 •23 •21 •02	1.18 .87	•39	.28 .15 .13	+20			• 37	•06			•1	1 .0	1	•08 •34 •07	•49 •26 •01	. 29	.16			•10 •10	•0 •2	• 0	.3 •1 16 •0	7 .8 30 1.1 10 .5 04 .7 05 1.1	0 .16	
RRISBURG WB AP F RRISBURG NORTH WLEY LLISTERVILLE LTWOOD	3 · 5 3 · 9 2 · 8 4 · 1 1 · 8	11 •11 7 7 7 7	. •63 •02 T		•30 •17 •15 •12	•14 •18 •01				T	•04 •20 •22 •42 T		•0	01 •0 •0	5	•36	• 04 • 04 • 04 • 04	.14	• 20 • 02		•06	•05	•0	.1	.2 •0 13 •0 19 •0 •3	2.0	0 0 1.00 8 .82 4	2
DNESOALE 4 NW INEY BROOK 1 W IP BOTTOM 2 SE INTINGDON INTSOALE	2.5 3.9 3.8 5.8 4.9	5 T B. •02 2 5 T	1.23 .93	• 02	1.55 .76	.06 .19 .28					.06 .19 *		* T	•0 •2 •	i i	T +07	•13 •51 •33 •2	2	•18 •11 •23		•12	·11		• 0	13 • 3 16 15	1 1.2 34 1.1 1.5 1.8 2.3	5 • 02 3 • 77 8 • 39 3	7
NOMAN KOTANA 3 SE MESTOWN 2 NW CRSEY SHORE HINSTOWN	4.5 10.0 3.6 3.7 7.1	2 1.93	•15	.01	1.24 2.01 .23 .43 1.14	1.56 .06 .17		•04	• 36	•0: •3: T	• 08 • 53 • 10			01 +0		•07	• 3 • 0! ? • 1! ) • 3	4 .02 7	•12	• 0	3	• 63		•1 •1	19 T 19 18 14	2.5 1.0 1.6 2.0	5 •21 1 •50 0 •49 1 •22	9
ANE 1 NNE ARTHAUS EGG	4 • 6 2 • 5	7 18	- 20	.76	•40	-28	-	-	-	•0			.1	07 +0		•02 •12					• 32			• 1	16	1.8	5 .73 0 .51	3

Continued								D	AII	11	LI	\L	CI	-111	A	11	OI	N											PEN SEPTE	INSYEV MBER	
Station	Total	-			, .		-				_		Da	y of N	1onth		_														
RETTANNING LOCK 7	3.91	1 .02	2	3	4	5	6	7	8 9	+	11		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27 .	28	29 .	30	31
RESGEVILLE 3 b LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA	5 • 5 i 5 • 5 i 3 • 6 l		. 55	• 25	. T	• 35 • 22 • 23	.41 .09		Т	* 2·	6 • 0 • 2 • 4 • 2	0 0 T		. 02	•15 •34 •05		• 48	.07 1.10 .82 .07		•15 •15 •06 T			T	T	• 05 T	.01 .10 .13 .06	.08	1.77 1.06 1.10 1.68	2 + 10	T	
LANGISVILLE 2 NW LAWRENCEVILLE 2 S LEBANON 3 W LEMIGRITON LE ROY	3 • 14 3 • 60 4 • 61 5 • 91 3 • 23		.50 .46 T		7	.34 .40 .47 .70	• 02 • 03 • 22	2	τ	•1	0 0 0 3 0 3 0 3 0 2 0 2	0		T	.04 .40		•10 •02 •01	- 06	*36	•21 •04 •33 •15	1		•01 •94 •02		.34	.04 T .13 .10	•12 •04 •10	1.52 1.69 1.31 2.35 1.67	.03 .02 .47		
LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN LONG PONO 2 W LYNCM	6 • 0 5 4 • 3 9 4 • 6 5 4 • 2 5 5 • 2 5		.04	•76 •19 •09	)	.21 1.12 .37 .33	• 14 • 11			•0 •0 •0	T 3 •5	4 9		Ť	*06 *02 *29		•02	•20 •29 •08 •63 •27	•03 •10	.40 .09 .23 .10	Т					•14 •06 •18 •19 •38	Т	2.36 1.60 2.42	.79 .24 .36 .88	•05	
MADERA MAMAFFEY MAPLE GLEN MAPLETON DEPOT MARCUS MOOK	6 • 2 8 5 • 9 2 4 • 2 5 5 • 3 8 3 • 4 3	T	•50 •62 •30 T	1.40 1.10	.01	1.00	• 55 • 09 • 02		Т	.00	• 7 • 5 • 2	6		•05 •01			: •14	•15 •10 •27 •55	•04	•28 •25 •11 •11	• 03	•03	T +04		т	.16 .16 T	.55	2.25 1.81 1.08 2.04	.61 .59 .05	•02	
MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT	6.41 5.51 2.35 3.99 6.62	.03	.68 1.23	• 30 • 98	.87	•22	.12			. 0 ? . 0 ?		9		.08 .15	•01	•26	•57	• 52	•02	•20 •05 •02 •12	T T	•05		•29	• 05	•27 •09 •07	1.23	1.63	.27 .01 .16	• 0 3	
MEAOVILLE 1 S MEOIX RUN MERCER 2 NNE MERCERSBURG MEYERSOALE	4.24 4.53 4.12 3.93 3.52		.40 .22 .60 .01	T •05 •63 •42	.08	.17 .29 .35 1.62			T • 4	.45 .08	+1	5		•08	•03 T		•01 •04 T	.16 .10 .25 .22		.43 .27 .15 .03	• 08	-01	•40 •27			•12 •21 •40 •06	T	1.02 2.19 .92 .73 1.23	.47 .74 .42	• 0 7· T • 08	
MILANVILLE MILLHEIM MILLVILLE 2 SW NILROY MONTGOMERY LOCK AND DAM	3.17 5.18 2.95 5.02 4.46		.39 .01 .38 1.00	•12 •10 •37 •08		.23 .86 .37 1.03 .23	.18 .34 .10 .08		т	T T	• 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0	5 3 3		•32	•12 •05 •03 •04		•04	•17 •06 •16 •20 •05	*10 T *01	.04 .19 .15 .11		• 05	.16		.01	•16 •10 •27 •04 •11	Т		1.56 .49 .73 .15	T	
MONTROSE MORGANTOWN NT GRETNA 2 SE MYERSTOWN NATRONA LOCK 4	3 • 38 4 • 28 4 • 27 3 • 39 5 • 77	• 01	T 1.34 .80 .54 1.87	•01 •51 •43	.10 .16	•31 •32 •48 •33 •35	•09 •04 •51			T .03	• 19 T • 03 • 05 • 03	3		T •04	•07		•38 •83 T •01	•15 •48 •05	.12 .24 .27 .23	•10		•01	*04		T • 0 5	.37	1.20	1.45 .64 .81 1.05 2.12	•52 •02 •04		
NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWPORT	3.06 3.23 6.06 2.16 5.48		.89 .49 .50 .09	*45	.03	.25 .35 .25 .09	•06			•27	• 33 • 10			T • 07 • 30	•03		•44 •10 •55 •05	• 05	•10 •03 •10	.24 .10			T •02		T •10	•27 •05	1.07 .02 .50 1.00	.29 .73 1.00 .12 2.48	•28 •01	-01	
NEW STANTON NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW	7 • 26 6 • 42 3 • 54 6 • 24 4 • 49	• 84 T	2.01	1.37	1.65	T •41 •26 •25 •30	.44 .15 .13 .09		Т	·16		,	T	T •04 •12	•09	Т	•10 •67	7 •02 •19 •13 •15	•23 •12 •29 •05	•16 •10 •14 •14		•02 •05	•01	T :	T •01	•12 T •24 •32	T	.33 2.50 1.03 2.55 1.79	.03 .01	• 26	
PALM PALMERTON PARKER PAUPACK 2 WNW PMIL OREXEL INST OF TEC	4.19 4.89 4.04 3.00 2.92	т	•63 •28 •74 •30	•34 •04 •07 T	.04 .02	•55 •68 •51 •17 •21	.15 T .16			.34 .19	• 05 • 14			.08 T	T •07		.70 1.11	•14 •09	• 25 • 22 • 06 • 09 • 13	.24	т 1	Т	•05		*11 T	• 2 4	.22 1.23	1.18 .78 1.63 1.35	• 05 • 16 • 79	• 02	
PNILADELPNIA WB AP R PMILADELPNIA PT BREEZE PNILIPSBURG FAA AP PMOENIXVILLE 1 E PIKES CREEK	2.77 2.91 5.07 4.55 4.82	.01	.12 .30 .28 1.52 .03	.06	.06 .02 .64 .14	•22 •31 •36 •26 •31	•18		T	•61	e 8 2		Т	•06 T	. 44		•77 •66 •12 •34	T . 2 2	.09 .10 .25 .17	•03		Т			T •14	-01			•02		
PITTSBURGN WB AP 2 //R PITTSBURGN WB CITY R PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE	4.69 6.29 3.77 8.31 5.12		1.36 2.29 T 1.10 .66	T •25 •02	• 46	.61 .39 .42 .46	• 20 • 05 • 24		•0: •0:		*03 3*01 *62		Т	•28 •11	•12		T T •04 •01	.30 .66	•14 •16 •10	*03 *30 *16	• 03	T T	•04		•15 •14	• 35 • 12 • 09	.05	.62 .43 1.70 2.15 1.64	.01 T .47 .12		
PUTNEYVILLE 2 SE OAM QUAKERTOWN 1 E RAYMONO REAOING WB CITY R REW	4.02 3.62 4.85 4.39 4.63	.03 .04	•42 •57 •05 •83 •08	•15 •19 •01	•02 •23 •04	.30 .16 .16 .48 .25	•13 •34 •11			•22	•13 •68 •03 •36			•01 T	•02 •02 •01		• 48	.69 .47 .12	T •25 •36 •28	•40 •26 •24		• 03	•02		•03 •30 •02	•10 •02 •35 •06 •19	.22		•22 •16 •78	•03 •07	
RICES LANDING L 6 RIOGWAY RUSHVILLE RUSSELL SAGAMORE 1 S	3.08 4.29 3.95 5.05 6.65	.04 .14 .20	.10 .10	.80	.04 .03	.11 .23 .21 .20	*02 T *16 *10 *15	T • 03		.05 .02 .04	• 24 • 37 • 29 • 50 • 25		•02	•13 T	•03 •07 •06		Т	.07 .12 .11 .25	•21 •05 •55	.09 .30 .11 .31	Т	•02	•10	т ,	Т	.07 .31 .33 .03	ø 0 6:	1.84	•13 •75 •78 •48 •25	•07	
SALINA 3 W SAXTON SCNENLEY LOCK 5 SCRANTON SCRANTON W8 AIRPORT	6 • 28 5 • 24 5 • 46 2 • 34 3 • 14		2.18 .10 1.45	•02 1•00 •23	.69 .02 .31	.32 .95 .35 .21	.02 .30 .04 .25		• 0 4 T		•02 •11 •22			.04 T .08	**************************************		•11 •02 •08	• 57 • 02 • 0	.09 T .08	•02 •11 •11 •02			T •10		•17 •02 •08	•03 •02 •07	1.20 .17 .01 1.43	1.89 2.20 .85	.02 .06 .09	• 02	
SNANOK IN SNI PPENSBURG SINNEMAMON ING SIZERVILLE SLI PPERY ROCK	4.00 4.43 4.80 4.93 3.15	.01	* •80 •18	•23 •03 •03	•70	• 72 • 68 • 33 • 43 • 45	•26 •38 •15 •05			•03 •08 •18	.56 T .81 .38		•03	T •01	•08 T •04	т	•33 T	.51 T .08 .13	.02 .10 .07 .18	•18 •21 •25 •10	T •02	•01 T	•10	т ,	•12	.08 T .11 .35	• 251 T	1.34 1.90 2.18	.09 .65 .64	• 06	
SOMERSET FAIRVIEW ST SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STOYSTOWN	5.44 3.61 2.71 4.15 7.32		.75 T .40	.86 .49 .26 .13	.01	•71 •52	•24 •15 •09 •25 •02				•15 •22 •39 •15				*02 T *04 *01	•16	T •20 •10 T	•2 •1 •0 •42	•01	.15 .10 .18 .12	т		•25 •12 •09 T			•02	*07 T	1.30	•16 •40 •13	Т	
STRAUSSTOWN STROUOSBURG STUMP CREEK SUNBURY SUSOUENANNA	4.59 3.59 4.66 3.40 2.42	•15	* 02 T	•35 •12 •23 T	•15	.47 .25 .22 1.00	.75 .18 .09		Т	-10 -10	• 38 T • 23 • 26 • 19			• 15 • 0 2	•02 •06 •15		•03 •82	.65 .02 .17 .25	•10 •07 •02 •09	•29 •39 •14 •26	• 0 2	т	T		• O 8	-11	.06	1.30 .80 1.55 1.15	•01 •47		
TAMAOUA 4 N OAM TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TOBYNANNA	5.24 4.30 4.34 3.70 4.59	.08 .17	•36 •15 •15 T •10	•21	.03 .29 .14		•27 •23 •01 T		•05		• 39 • 45 • 41 • 25 • 02	•01		•04 •13	•08 •08 •03		•08 •54	.63 .07 .05	•21 •44 •06		•07		• 03	· 25	• 24 • 03	•14 •12 •30 T	•12	1.90 1.74 1.37 1.10	• 29 • 32 • 65 • 24	•05	
TORPEOO 4 W TOWANOA 1 ESE TOWER CITY 2 E TROY TURTLEPOINT 4 NE	3.96 3.47 4.29 4.19 5.95	.05	•18 T •75 •01 •23	T •25 T		.14	.08 .14 .03 .27		•06	Ť	•15 •83 •90 1•05	•01		•03	•02 •02 •01 T			•12 •11 •45 •11 •15	•07	.33 .09 .16 .14			•02 •02 •01	1		•19 •27 •14 •19 •35	•01		.58 .11		
TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT UNIOMTOWN VANOERGRIFT VIRGINVILLE	5.53 4.39 5.92 6.92 5.02		•10 1•81 1•22 •24 1	•22 •53 1•08	.56	•21 1•15	•31 •21 •52 •11		•01	T •21 •06 •06	.66 .12 .62 .11		Т	•10 •06 •06	T •02		•70 T	• 25 • 12 • 58 • 69	T •62 •13 •01	.15		•03	•12		•10	•14 •12	•01 I		• 42 • 71 • 09 • 06	T •06	
MARREN MATSONTOWN MAYNESBURG 1 E	4.58 2.95 3.83	Т	•29 •18 •53	•55	•35 •11	•10 •22 •05	•04 •05 •47		Т	•01	• 49			•10 •28	Т		•08	•08 •03 •13		•58 T •08		Т	•12		•20 •03	•15 •09	•10		. 46 T	•02	

PENNSYLVANIA SEPTEMBER 1962

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	a)													Day	of N	lonth																
Station	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	- 20	21	22	23	24	25	26	27	28	29	30	31
WELLSBORO 3 S WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESBURG	5.17 2.92 3.31 3.84 6.69		.29 .35 1.76	•01 •10 •25	T •01 •04	•26 •42 •25	.12				.07 .15				•08	• 0 B		•05 •08	• 15 • 40 • 64 • 05 • 18	*0 T	• 1						•19 •20 •12		1.11	• 05	•02	
WILKES BARRE WILLIAMSBURG WILLIAMSPORT WB AP WOLFSBURG YORK 3 SSW PUMP STA	2 • 62 5 • 22 3 • 25 4 • 28 2 • 29			.05 .87 1.57	•35 •01 •20	1.14 .21 .65				•01	•24	• 23 • 11 • 31			T T	*10 *02		•14	• 09	• 1	0 T	l T 5		· 01	7	.16	•14 •05 •09		1.44 2.23 1.48 1.19	•10		
YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	2 • 92 3 • 16 3 • 95		.02 .04 .05	.04		.80	•02 •25 •11					• 14				• 02 • 02 • 02		• 07 T	.20 .38 .64	T	• 2			• 01			•03 •26 •04		1.04 .80 1.12	.35		

### DAILY TEMPERATURES

PENNSYLVANIA SEPTEMBER 1962

Station																Day	Of M	lonth														95
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
ALLENTOWN WE AP	MAX	88 68	74 61	77 56	70 54	63 56	68 46	71 43	74 42	75 51	81 67	79 60	8 0 5 4	84	79 58	7 7 5 5		64 57	68 51	63	60 40	60 36	60	66	68 41	65 43	68	5 9 5 5	65 54	61	67	70.3
ALLENTOWN GAS CO	MAX MIN	90 63	91 65	69 56	78 54	73 55	64 47	68 42	70 41	76 44	76 53	83 67	8 0 5 3	78 52	85 56	8 O 5 O	78 49	77 54	64 53	68 45	68 42	60 34	62	61	68	70 42	68	70	60	63	63	72.0
ALTOONA HORSESHOE CURVE	MAX	82 65	77 59	73 48	69 57	68 56	66 40	70 37	76 41	71 52	83 61	76 54	81 47	85 52	79 61	77	78 49	75 57	67 45	62 48	57 37	5 9 3 3	53	64 35	67 38	58	63	56 45	55 48	55 45	67 35	69.0
ARENOTSVILLE	MAX	96 62	95 66	72 57	80 61	73 59	67 46	68 45	72	78 51	80 57	89 63	8 1 5 2	83	89 58	85 50	82 56	79 57	65 49	70 47	69	62	62	63	66	70 44	59 48	67	58 53	62	61	73.4
AUSTINBURG 2 W	MAX	9 0 56	75 58	75 41	80	64 51	65 37	63	69 35	75 43	70 60	79 53	63	78 48	83	74	74	75 45	63	62	58 30	50	56 30	60	65 34	67	60	65	58	52	54	67.4
BAKERSTOWN 3 WNW	MAX	88 66	85 62	77 54	75 60	74 57	64	71 43	79 47	78 60	80	87 49	79 45	84	85 49	84	81	81 57	79 49	65	56 35	58	59	67 37	69	68	65	64	55	52	64	72.4
BEAR CREEK OAM	MAX	86 59	83	65	76	62 53	62	61	67 33	70	68	76 59	70	75	80	75	72	71 46	60	61	55	55	55	54	61	64	58	61	57	57	53	65.7
BELLEFONTE 4 S	MAX	94	93	86	78 52	65	66	68	69	76	74	84	75 45	82 48	85 51	80	76 48	78 52	65	63	57	57	60	58 34	67.	70	58	65	56	58	62	70.8
8ERW I CK	MAX	88	78	78	78	67	67	71	76 41	74	82	76 60	78	84	82	77	75	74 56	66	63	58	60	59 36	66	68	67	64	64	62		67	70.9
BETHLEHEM LEHIGH UNIV	MAX	93	84	87	70 62	62	66	71	74	75 55	85	76	78	84	80	76	73	63	67	64	62	60	58	64	68	67	67	64	63	60	60	70.7
BLAIRSVILLE 6 ENE	MAX	80	69	74	67	66	63	67	75 51	70	71	70 73	76	59 83	73	74	74 53	67	61	55	52	54	55	62	66	58	56 61	56	54	51	63	55.4
BLOSERVILLE 1 N	MAX	93	84	71	76 62	65	66	69	71	72	72	86	81	84	82	53 85	80	78	63	71	36 67	36	62	59	67	51 69	47 57	65	45 58	43 59	60	50·3 71·1
SRADFORD FAA AIRPORT	MAX	70	72 52	77	63	64	61	66	72	66	72	60	52 75	56 79	62	53 71	73	61	51	54	50	36 50	37 59	43 63	64	47 55	47 58	48 54	52	46 50	60	50.7
BRAOFORD 4 W RES	MAX	86	73	78	74	39 65	62	67	37 74	57 74	58 75	50 74	76	82	80	71	74	48 72	61	38 58	30 50	50	33	38 64	33 65	62	61	61	45 53	40 51	37 60	42.7 67.0
BURGETTSTOWN 2 W	MIN MAX	90	83	71	77	52 75	30 67	28 65	32 73	49 79	61 78	48 81	78	78	57 85	39 75	35 75	46 79	75	41 66	29 61	26 55	28	39 60	31 67	33 68	49 63	46 65	57	43 50	29	41.5
BURNT CABINS 2 NE	MIN	58 95	65 83	75	73	70	70	36	39 75	45 75	61 85	48 85	81	4 1 8 4	48 85	42 80	80	55 76	66	67	34	30 60	31 62	36	34 67	35	41	62	49	46	32	72.6
BUTLER	MIN	68 92	60	55	59	60 74	68	67	42 75	60	66	58	46 75	47 81	60	73	53	58 81	49 75	46	57	29	36	46	36	48	46	53	51	48	43	50.0
CANTON 1 NW	MIN	59 87	78	70	49 78	62	34 62	34	36 62	70	56	53	43	76	50	41	73	45 74	49 60	62	31 65	35	33	57	33	35	45	46	48	46	52	71.1
CARLISLE	MIN	58 89	59 84	79	50 72	50 66	70	35 74	35 78	40	55	50	45	50	55	40	43 80	77	40	40	35	33	33	35	35	38	42	45	45	56 42	38	66.5
CHAMBERSBURG 1 ESE	MIN	65 86	64 73	60 78	61	56	69	43	76	54	65	60	51	51	59	49	53 76	58	50	43	39	33	36	46	37	64 45	48	54	62 52	46	70 37	73.7
CLARION 3 SW	MIN	63	59	53	59 71	58	67	73	52	59	65	58	48	49	58	48	54	58	49	63 45	61 37 56	63	63 32	68 48	38	45	65 47	59	50	64 46	68 37	71.5
CLAYSVILLE 3 W	MIN	65	61	79	56	55	33	34	41	55	64	48	43	48	60	73 42	44	52	46	44	32	37	34	67 37	37	65 39	65 41	46	56 48	52 45	67 36	70 • 1 45 • 6
CLERMONT 4 NW	MIN	65	66	56	58	50	36	37	42	62	67	78 48	40	88	60	79	53	76 58	69 45	62 43	58 36	27	58 32	68 39	72 33	65 47	41	59 45	55 49	67 47	69 34	73.2
COATESVILLE 1 SW	MIN	60	52	42	56	56	27	65 24	72 30	48	72 64	72 50	74 40	45	78 59	69 34	70 36	67 50	68 46	62 44	59 28	24	52 34	54 36	28	48 36	56 45	58 46	52 46	54 42	60 30	63.7 41.9
CONFLUENCE 1 SW DAM	MIN	63	93 69	75	78 55	75 59	46	68 43	73 41	77	53	85 70	82 52	80 51	89 52	86 50	8 0 5 2	78 54	51	71 45	69 45	62 36	63 35	66 35	67 40	70 42	69 48	69 55	60 55	71 42	63 38	74+2
	MAX	93 56	83 62	70 54	79 54	76 62	73 39	66 39	72 40	80 44	78 56	81 56	75 47	80 47	86 48	78 50	75 52	81 56	70 50	64 44	64 38	56 35	61 32	58 34	65 39	70 40	62 47	63 42	59 49	53 46	60 37	71.0 46.5
CONNEAUTVILLE	MAX	91 68	77 57	81	83 57	70 58	62 33	65 32	76 38	81 51	78 62	82 51	68 43	84 54	89 60	72 44	74 41	8 1 5 1	74 47	66 47	60 33	53 40	62 37		72 37	72 43	62 48	60 48	59 47	50 46	5 7 3 6	70.8 46.2
CORRY	MAX	81 68	79 59	82 47	68 55	65 54	63 31		79 40	76 59		77 52		85 50				74 53		60 42	52 32	56 34		69 37		62 41	61 51	57 50	51 44	50 45	63 35	68.8
COUCERSPORT 3 NW	MAX	72 58	72 54	77 37	61 43	65 48	63 29	65 24	71 31	64 48	75 59	71 47	77 40	80 40	72 54		72 33				48 29		57 26	61 30		53 32	60 42	57 40	53 44	48 42		64 • 3 39 • 0
DEVAULT 1 W	MAX	90 65	76 56	77 55	73 59	64 47	67 44		75 44	77 44		79 60	81 54	86 54		78 53	76 52	64 58	68 50	68 49		5 <b>7</b> 35	63 34	67 35	67 42	66 49	68 51	58 53	67 50		69 34	71.3 48.9
DIXON	MAX	89 57	85 64	75 51	78 47	71 47	67 40					8 0 6 0		78 48	83 49	8 0 4 5		75 43	65 50		60 36		58 30	58 30	64 37	69 36	60 37	65 49	57 48			69.7 43.8
DONEGAL	MAX	83 62	72 59	77 50	75 58		63 36			75 56		73 51		82 46			79 52			60 44	5 5 3 3	58 28	59 35	60 42	67 33	61 45	63 42	54 42	52 45			68 • 4 45 • 2
DONORA	MAX	90 70		8 0 5 7		75 58	67 42	75 45	87 49	8 1 6 2	84 67	79 55	83	87 54	84 63	83 51	81 57	80 60	69	65 52	60 39	61	59 39	68 42		68 54	66 48	64			69	73.9 51.8
OU 801S FAA AIRPORT	MAX	77 68	68 54	78 51	64 57		66 37		75 46	70 57		69 52									49		60 38	65 35	67	58	62		52	48	64	65.9
DU 8015 7 E	MAX	87 64	74 58	75 48	73 55	65 55	62	66 34	72 41	72 60	76 64	76 53	76 42	8 1 4 5	8 0 5 2	73	74 43	72 47	63	60	52	55	58	62 35	64		61		53	50		67.3
CAGLES MERE	MAX MIN	81 66	76 59	62 52	72 54	62 52		57	61	61	64	72 52	67	76	75	71	70	68	58	56		50	50	53	60	64	53	58	53		52	62.1
AST BRADY	MAX	90 65	76 63	82 53	80 59		69	75	79		83	83	84	88	84	79	84	80	70	64	66	64	68	71	72	72		65	56	55	70	74.4
BENSEURG			76	71	67	67	62	69	75		80	77 48	81	79	75	72	77	78	62	57		57	54	63	65	59	61	55	51		64	67.1
IMPORIUM 1 N	MAX	89	73	72	76 47	62	62		66	73	68	77	65	78	82	74	72	74	61	59	55	52	56	60	64	65	53	62	57		50	45.6
INGLISH CENTER	MAX	90		79	80	63	64	66		1	71	84	69	79	83	77	76	73	64	58	33 54	60	60	22		66			58		65	69.5
					-70	71	30	51	50	-	20	56	42	42	45	40	20	40	43	22	32	29	32		1	36	35		46	48	36	40.5

# DAILY TEMPERATURES

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Station								-		•	10	11	10	10	14	Day 15	Of Mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
EPHRATA	MAX	90	74	75	71	66	66	68	74	78	85	80	81	86	78	79	77	66	69	68	61	60	61	67	67	66	67	61	65	62	68		71.2
ERIE WS AIRPORT	MIN	66	63	77	57	57	45 63	71	76	78	55 82	63	55 78	54 88	60 71	54 70	52 72	59 73	52 65	48 61	42 52	36 56	61	47 64	70	61	50 59	53	53	45 56	61		67.9
EVERETT 1 SW	MIN	68	62	56 70	65 74	54 67	73	41 65	49 74	63	65 85	56 84	53 83	65 84	55 83	54 84	50 81	80	70	50 60	63	54	47 52	46 61	66	52 68	63	67	49 57	47 58	61		53.2 71.5
FARRELL SHARON	MIN	67 82	69	56	58	58	70	39 76	48	57 81	59 83	59 79	84	90	52 84	54 76	55 87	58 78	67	49 60	56	31	34 68	40 73	73	40 67	47 66	52	52	50	39 72		49.7 73.8
FORD CITY 4 S DAM	MIN	74	64	57	65	56	42 69	39	40	63	69 78	57 83	45 74	57	66 85	48 74	50 76	56 80	73	54 73	40 57	58	59	42 61	69	52 70	56 64	52 65	65	48 65	41 57		71.8
FRANKLIN	MIN	68	66	51 80	70	61	40 68	39 72	39 78	47	59 80	73	48 81	46 86	47 79	46 77	45 79	47 74	51 69	48 62	36 56	36	34 65	38 69	38	38 63	47 65	45 62	55	46 54	36 67		70.4
FREELANO	MIN	62	51 75	76	70	37	36 61	36 66	76	58	52 76	46 75	45 73	42 81	57 75	43 75	71	52 64	60	49 58	33 56	57	36 52	39 62	37 62	40 59	52 59	49 59	56	45 53	38		45.7 66.1
GEORGE SCMOOL	MIN	64	59	54	76	52 74	41 64	70	46 67	50 74	63 76	62 84	53 79	52 80	64 85	58 83	49 78	50 80	50 72	45	39 67	63	38 64	63	35 65	35 69	51 68	51 72	64	41 67	64		49·0 72·6
GETTYS8URG	MIN	63	62	61	53	56	46	68	72	77	53	71	52	52	55 88	51 85	50	57 76	55	46 69	48 68	36 60	35 64	41 64	67	41 69	42 59	46 68	57	61	39 62		49.6 72.8
	MIN	63	68	56 71	63	58	48	45	69	55	61	65 82	52 78	77	62 85	53 81	57	58 76	53 64	48 69	42 67	36	35 62	43 60	40 65	47 68	49 67	53 69	60	49 68	38 62		51.5 71.5
GRATERFORO 1 E	MIN	58	68	58	54	53	46	42	41 81	41	49 82	68	53	52	50		51	51 75	54 73	46	42 62	33	33 67	33 73	38 71	38	64	52 60	54	46 59	39 70		48.0
GREENVILLE	MAX	63	85 60 93	87 52 73	76 62 79	72 57 69	34 70	34	42	62	70	53	43	52	63	44 85	46	55	50	70	34	42	39	38	37 70	71	63	49 69	48	47 65	37 65		48.7
MANOVER	MAX	63	68	58	64	59	47	47	47	48	65	66	52	53	54	54	54	60	53	70	42 62	37	37	41	72	41	50	50 63	52	46	41 71		51.3 72.5
MARRISBURG W8 AP	MIN	67	61	77 59	68	67 59	68 47	46	77 47	80 59	88 70	61	82 54 73	88 54	84 61 87	81 55 82		66 61 75	52	48	43	37	40	48	63	51	54	59	54	45			53.0
MAWLEY	MAX	91 55	88 61	69 53	78 49	71 49	40	34	70 34	75 36	73 43	63	53	76	46	43	40	40	46	42	38	31	27	29	36 70	35	35	47	70	44	37	7	42.7 73.1
MOLTWOOD	MAX	70	78 63	8 O 6 2	73 62	69 62	67 52	50	76 52	80 59	70	82 65	81 58	85 57				67 61	56	53	47	41	44	52	48	55	56	58	56	48	45	5	56.0
MUNTINGOON	MAX					58	40	39										58	68 48	66	62 38	32	63	31	40	45	45	48	49		38	3	69.3
INDIANA 3 SE	MAX	89 64	69 64	78 51	70 56	69 57	67 37	72 38	79 45	76 58	63	74 49	88	84	59	43	46	71 58	63	57	55 35		35	67 38	36	62 45	46	42	48	45	33	3	46.£
JAMESTOWN 2 NW	MAX	91 67	81 60	80 47	81 53	71 61	62 34	65 31	74 39	79 50	79 62	80 50	71 44	83 47	59		44	79 49	75 48	67 49	34	40	39	38	69 38	69 45	50	48		46	35	5	46.6
NWOTZNMOL	MAX	96 65	72 62	68 53	78 55	69 61	74 42	69	78 45	78 50	73 58	77 59	78 49	83	90 56		53	84 56	73 53	66 52	62 40	32	36	52 40	62 40	72 41	65 48	50	51	40	3.8	8	71.3 48.8
KANE 1 NNE	MAX											75 46	63 37	72 42				70 34	63 42	62 42	55 31		52 26	57 33	28	28		40	45	44	30	0	
KEGG	MAX	84 69	74 56	74 50	65 62	73 53	73 42	71 39	77 41	75 53	84 60	77 56	82 48	86 47				71 51	65 43	65 43	57 38		53 32	65 44	66 35	65 46	65 46	55 49			33	3	70.1
LANCASTER 2 NE PUMP STA	MAX	91 61	84 56	77 54	76 54	67 54	70 43	71 40	75 39	78 49	86 61	84 63	83 48	87 47				73 53	70 48	68 43	62 38		62 31	66 44	70 34	66 39	67 48	50					73 • 2 46 • 6
LANOISVILLE 2 NW	MAX	89 65			76 60	70 58	66 46	65 42	69 42	75 52	78 60	85 65	80 51	79 49				77 58	64 51	68 43	68 41		60 35	61 35	66 38	68 41		53					71
LAWRENCEVILLE 2 S	MAX	78 63	77 58		75 45	60 54	65 36	71 32	72 33	72 48	84 64	75 50	8 0 4 5	85 47				69 44	64 47	61 39	62 32		60 30	68 38	70 36	62 36							43.
LESANON 3 W	MAX	91 66	88 65	67 57	75 59	67 56	65 46	67 46	69 46	75 50	74 55	85 62	78 57	80 57				77 57		66 47	67 42	58 37	60 37	58 41	64 42	68 41							70.
LEW ! STOWN	MAX		85 69		78 58	67 59	65 49	69 42		79 45	76 56		8 0 5 3							68 48			64 36	62 38	68 42	72							72.
LOCK MAVEN	MAX					65 55	64 39	69			74 52							78 46			56 35										3 49	9	70. 45.8
MACERA	MAX		78 62			64 57	65 33	62			73 54											52 31								5 53			66
MARCUS HOOK	MAX	92	78	78	78	68 63	70 51	71	76	78															72 50								73.° 58.
MARION CENTER 2 SE	MAX	78	64	. 76	65	66		70 41	76	71	76	72	77	82	71								59			59 48					2 3		65.: 48.
MARTINSBURG FAA AP	MAX	83	70	77	66	73	67	70	73	75	82	76	81	85		5 7	9 77																69 · . 48 · °
MEAOVILLE 1 S	MAX	88	77	78	80	69	63	63	74	77	77	78	70	81	1 87	7 7															9 5		69.5
MERCER 2 NNE	MAX	85	78	80	75	72	66	73	78	77	81	78	81	87	7 7:	7 7	7 80		70	62	5 9	60	65						9 54		3 6 5 3		71.4
MERCERS8URG	MAX MAM	94	88	72	79	64	68	. 70	72	76	76	87	81	8 9	5 8	7 8	6 83	77		69	68	63											72 o t 49 o i
MILEVILLE 2 SW	MAX	( 89	82	71	. 78	66	65	66	69	75	70	80	74	7	7 8	0 7	5 75	74	62	64	56	5 5 6	60										68.
MONTGOMERY LOCK AND DAM	MAX	( 85	74	80	78	75	67	75	80	80	84	81	. 81	L 8	7 8	0 7	Ĭ	. 78	3 73	68	5	7 58	65	68			66	6.	2 58				73. 51.
MONTROSE	MIM	( 87	7 82	2 68	75	68	61	60	68	3 72	67	7 81	64	7:	3 8	2 7	3 72	70	59	58	5 5 8	3 51	52	57	61		5 61	6.	2 55	5 52	2 5	5	65.4
MORGANTOWN	M1 M	x 90	76	5 71	72	64	66	69	73	3 75	82	2 79	77	7 8	4 8	2 7	7 75	71	1 71	67	66	63	63	65	62	65		5 5	9 66	6 62	2 6 3 2	8	70.1
MT GRETNA 2 SE	MAX	N 67	7 60 L 73	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7 68	65	66	70	75	5 75	8 :	5 85	5 79	9 8	6 7	9 7	7 77	77	7 68	68	3 59	9 60	60	66	6.8	63	3 65	6	5 63		0 6	8	71.
	MIZ	N 62	5	7 5	55	55	40	38		2 41			5 5 2	2 4	9 5	5 4	8 50	) 54	+ 44	42	3	7 32	34	43	38	46	2 48	, 5	48	, 5	, 3	1	1

Continued

### DAILY TEMPERATURES

PENNSYLVANIA

Continued		_	-	-		-	-	-	_	-		-	-				~			-										>t	PIEMOLN	-
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
NEW CASTLE 1 N	MAX	87 70	80	82	80	75 57	69	75 34	80	80	83	78	83	88	88	78 43	81	81 52	75 46	67 48	60	61	66	70 36	70	70	70 52	64	59	60	69	74.3
NEWELL	MAX	95	89	80	82	78 66	72	72 48	78	86	83	85 51	77	87	93	81	82	88	78 50	68	62	58	68	70 41	72 42	76 42	64	69	55	51	63	75.4
NEWPORT	MAX	93	85	71	75 59	66	66	71	74	78	75 57	88	81	85	88	83	79 50	81	65	68	63	60	65	59 35	63	69	58	64	56	60	61	71.7
NEW STANTON	MAX	82	74	80	79	71	68	76 41	82	81	85 65	76 52	80	83	80	76	84	75 45	67	64	60	63	57	68	72	65	72	55	54 48	61	70 36	72.0
NORRISTOWN	MAX	92 69	79 59	80	74 58	67 58	69	71	78 45	79 53	86	81	80	87	85 65	80	79 55	66 61	71 54	73 50	62	64	66 39	69 48	71	69 47	75 56	62	69	68	73 43	74.2
PALMERTON	MAX	88 70	75 63	77 56	69	63	66	68	74 38	73 49	81	77	78 53	83	79 58	76 50	76 46	64	69 52	61	58 39	59 32	58	64	67	63	66 52	59	61	57	67	69.2
PHIL OREXEL INST OF TEC	MAX	89 69	78 60	7 <b>7</b> 62	74 61	65	66 51	70 52	75 52	77 59	84	80 71	82	8 7 6 3	88	80	78 60	66 62	71 57	71 54	64	62	68 45	68 54	70 47	70 53	70 57	61	68	65	70 49	73.1 56.8
PHILAGELPHIA W8 AP	MAX	89 68	76 62	76 59	74 55	66	66 48	68	73 45	76 50	84	79 58	81	86 57	85 63	79 57	75 58	67 62	73 51	72 51	64 47	62	68 39	68 53	69 47	69 50	69 51	62 59	68	66	70 44	72.7
PHILAGELPHIA PT BREEZE	MAX	89 70	77 62	76 64	74 63	65 62	68	72 55	77 56	78 60	85 68	81 70	79 61	86 63	86	78 64	76 62	67 62	70 60	72 55	58 50	62 46	65 48	65 56	67 52	68 51	66 52	61	69	64	70 50	72.4
PHILIPSBURG FAA AP	MAX MIN	77 65	68 49	72 43	60 54	62 45	60 34	64 29	70 42	67 57	76 65	68 42	75 41	79 44	70 50	72 39	71 43	60 50	57 45	51 41	5 1 3 1	54 31	52 33	60	61	57 43	60	56 42	53 45	48	61	63.1
PHOENIXVILLE 1 E	MAX	91 66	86 57	86 57	75 54	65 57	68 47	73 43	79 41	77 51	85 65	80 68	80 52	86 51	86 51	77 54	76 51	68 55	76 52	70 46	62	62 34	65 34	45	72 38	41	46	65 55	66 46	64	70 38	74.4
PITTSBURGH W8 AP 2	MAX	85 64	70 57	77 47	73 60	65 49	65 39	72 42	78 48	78 62	81 63	74 53	79 50	84 54	75 57	75 46	78 55	75 57	65 48	61 42	54 36	56 34	59 38	67 33	67 38	63 51	65 47	54 50	51 46	58 43	64 41	68.9 48.3
PITTSBURGH WB CITY	MAX	86 71	72 62	80 58	77 65	70 53	68 47	74 47	81 53	80 67	83 69	77 60	8 2 5 5	87 59	79 61	79 54	81 58	77 62	66 53	63	57 43	60 42	58 43	67 44	70 45	66 54	66 53	57 51	53 49	58 48	68 43	71.4
PLEASANT MOUNT 1 W	MAX MIN	85 55	82 60	68 44	73 45	67 51	57 40	59 30	65 32	70 36	68 52	8 0 5 7	68 55	71 49	79 50	73 38	70 40	70 37	58 46	60 37	51 37	60	51 27	53 29	61 33	65 33	68 38	62	55 48	51 43	54 35	65.1 41.7
PORT CLINTON	MAX MIN	91 58	90 61	69 51	79 49	68 52	63 38	69 35	71 36	76 41	75 49	81 57	79 45	78 46	85 47	78 45	78 42	77 45	61 45	68 38	63 35	60 27	64 28	58 36	66 35	69 36	62 46	66 50	60	64 38	60 35	70.9 43.2
PUTNEYVILLE 2 SE OAM	MAX MIN	93 60	8 1 6 4	66 50	80 52	67 61	68 33	65 33	71 37	78 47	75 60	80 55	73 44	80	85 51	74 44	77 44	78 45	71 49	63 47	55 31	56 33	58 34	65 35	67 37	68 39	68 47	65 44	53 45	5 1 4 5	54 37	69.5
QUAKERTOWN 1 E	MAX	88 66	86 59	80 56	76 51	67 56	67 46	69 40	75 38	76 46	82 55	82 57	77 53	84	83 57	77 51	76 48	73 53	67 51	65 46	60 39	60 31	63 31	68 41	67 36	66 39	69 52	67 54	67 53	65 42	68 36	72 • 3 47 • 7
READING W8 CITY	MAX MIN	92 70	8 0 6 3	79 59	72 59	66 59	70 50	70 48	77 46	78 58	86 71	80 65	80 58	87 59	82 67	79 59	78 56	66 61	69 56	67 52	60 46	61 39	62 41	67 49	69 45	66 53	67 54	61 57	66 55	63 50	69 44	72.3 55.0
RIOGWAY	MAX	87 55	76 61	71 46	77 48	67 58	66 33	65 33	69 32	76 38	71 56	77 50	69	77 43	83 46	71 39	73 39	76 42	71 45	62 45	55 32	52 32	58 32	61 36	66 36	67 36	58 39	64 45	56 48	51 45	50 34	67•4 42•2
SALINA 3 W	MAX	88 66	83 64	78 51	75 59	71 57	65 34	73 35	80 42	78 60	81 65	79 53	79 48	84 50	81 56	75 43	80 49	77 54	68 48	60 50	55 31	59 34	63 32	67 36	68 35	64 47	64 46	61 43	53 48	56 46	66 37	71.0
SCRANTON	MAX	91 60	84 61	76 53	85 50	76 54	68 45	66 39	74 39	71 40	74 54	85 66	75 57	78 52	86 52	84 48	76 43	76 45	66 53	66 50	59 42	58 32	58 34	59 38	68 42	72 42	64 43	68 51	59 52	61 48	5 5 4 1	71.3 47.5
SCRANTON W8 AIRPORT	MAX	87 72	74 57	79 54	74 56	67 53	65 44	71 38	76 44	73 55	82 68	75 63	78 57	84 51	8 0 5 8	78 47	73 47	65 55	64 51	58 45	57 38	57 33	58 40	64 42	66 42	62 44	65 52	59 51	58 53	57 48	65 43	69.0 50.0
SHIPPENSBURG	MAX	93 62	80 60	78 58	72 59	68 58	70 47	73 44	79 44	75 55	88 64	84 62	85 50	88 52	87 62	80 50	80 58	76 58	70 53	66 50	62 40	65 34	63 35	69 48	70 40	68 48	65 48	65 55	62 53	65 49	70 38	73.9 51.1
SLIPPERY ROCK	MAX	84 70	75 62	77 54	74 61	70 56	65 38	72 41	77 49	77 60	80 68	77 54	80 48	85 55	79 63	76 46	80 50	72 58	66 48	61 49	55 38	59 40	63 40	66 37	68 40	64 47	63 53	65 45	59 47	5 5 4 6	66 42	70•3 50•2
STATE COLLEGE	MAX	92 64	83 64	68 54	77 55	64 57	65 45	65 38	69 39	75 47	72 61	82 57	73 51	80 53	84 58	75 49	75 51	78 53	64 49	62 49	56 38	55 36	60 39	58 39	64 40	67 44	57 49	64 49	54 50	54 47	5 2 3 8	68.1 48.8
STOYSTOWN	MAX	91 58	82 64	66 47	72 48	66 59	70 37	62 38	68 39	75 42	73 58	79 53	72 48	77 49	83 50	73 45	74 44	77 53	68 48	61 45	60 36	53 31	58 31	56 39	61 35	65 35	59 47	60 48	52 46	50 44	53 41	67.2 45.3
STR0U0S8URG	MAX	90 62	70 56	80 51	68 48	63 54	70 40	74 34	75 35	73 42	81 63	78 58	81 50	86 45	85 54	8 0 4 5	81 41	66 48	67 47	60 41		60 27	60 28	69 37	70 35	65 36	70 50	57 52	60 50	60 44	70 36	71 • 0 44 • 8
SUNBURY	MAX	92 61	85 62	71 55	79 55	67 55	67 44	69 37	72 38	78 42	74 58	83 62	79 51	82 52	86 55	81 49	79 46	78 46	65 52	67 51	60 39	61 32	63 37	60 38	69 38	68 40	60 46	66 52	62 50	61 50	5 8 3 8	71 • 4 47 • 7
TIONESTA 2 SE OAM	MAX	88 61	78 60	74 52	78 52	67 59	65 37	65 32	71 33	78 43	73 55	79 49	70 47	78 46	85 50	72 45	74 45	76 46	70 49	64 47	56 35	51 35	56 36	60 39	63 38	66 37	58 42	62 49	54 47	48 46	50 37	67.6 45.0
TITUSVILLE WATER WORKS	MAX	75 62	73 55	75 45	71 51	62 51	62 30	69 28	75 33	71 50	76 63	71 43	77 39	83 45	75 56	70 36	74 41	69 46	61 43	55 42	52 28	53 36	59 28	65 33	60 31	56 32	59 49	55 45	50 43	50 43	62 30	65.5 41.9
TOBYHANNA	MAX	83 61	73 58	70 47	67 44	59 51	60 40	63 32	69 33	66 44	74 60	70 58	74 47	80 43	74 56	70 44	72 36	65 49	60 48	53 42	55 34	53 27	53 30	58 36	64 32	60 33	64 49	58 47	53 47	53 40	62 33	64.5 43.4
TOWANOA 1 ESE	MAX	82 53	76 62	80 45	79 46	68 51	64 39	71 31	77 36	72 47	86 66	74 57	79 52	87 49	78 62	78 42	75 40	73 47	65 49	65 45	56 36	56 29	62 30	68 35	69 36	65 36	66 45	62 46	58 51	62 49	66 37	70•6 45•0
TOWER CITY 1 S	MAX	87 58	82 64	66 54	70 54	65 56	65 47	65 37	68 38	72 40	72 59	82 61	76 46	75 48	82 49	77 48	76 46	75 47	61 46	65 39	62 38	56 29	58 30	56 37	65 34	66 36	58 45	63 52	54 52	60 41	58 33	67.9 45.5
UNIONTOWN	MAX	88 68	81 67	79 61	79 67	77 60	63 42	74 49	81 50	8 0 6 2	82 67	78 56	79 48	85 51	83 64	77 49	80 59	76 63	69 51	63 53	59 39	59 33	59 38	65 48	69 41	66 53	64 50	63 49	54 50	61 48	67 38	72.0 52.5
WARREN	MAX	80 68	76 59	81 49	75 55	62 52	67 37	71 33	78 39	73 58	<b>79</b>	71 54	80 47	86 49	76 55	74 42	76 43	68 53	63 48	58 45	51 36	54 34	60 34	67 41	67 37	57 39	65 53	57 49	54 47	54 47	63 35	68.1 46.9
WAYNESBURG 1 E	MAX M{N	93 57	86 65	75 56	82 58	80 60	72 38	65 37	75 40	85 45	81 62	83 47	77 41	83	88 47	80 49	78 48	82 56	76 45	68 43	64 38	58 29	61 31	58 37	67 36	72 38	64 44	66 46	59 49	53 46	63	73 • 1 45 • 5
WELLSBORO 3 S	MAX	87 59	75 59	70 46	78 47	62 53	60 38	62 37	66 37	71 46	65 55	<b>7</b> 7 51	61 49	77 50	79 55	72 45	73 43	72 44	58 48	60 44	57 34	50 33	55 33	56 34	63 34	65 42	55 47	63 46	55 48	53 44	49 35	64.9 44.5
WEST CHESTER	MAX	93 65	93 59	66 56	79 55	73 56	65 44	69 45	73 45	78 50	77 54	83 65	84 54	8 1 5 5	88 59	86 54	81 55	78 59	67 51	72 47	70 41	64 35	65 37	67 41	67 43	70 45	68 48	71 52	59 51	68 43	69 42	74 • 1 50 • 2
WILLIAMSPORT WB AP	MAX MIN	83 68	71 57	78 54	66 54	66 51	68 44	72 39	74 41	71 56	84 68	77 59	81 51	83 53	79 59	78 48	77 47	65 58		57 47	<b>5</b> 7	61 38	59 36	69 40	70 43	58 42	66 50	60 51	59 52		68	69•3 49•3

DAILY TEMPERATURES

PENNSYLVANIA SEPTEMBER 1962

Station																Day	Of M	onth															age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
YORK 3 SSW PUMP STA	MAX	95 64	86 62	79 56	76 62	70 60	69 46	73 43	79 41	82 55	88 70	87 65	83 48	90	90 59	85 47	79 52	78 57	70 47	69 45	62 37	64 32	64 34	70 49	71 37	68 45	68 50	65 56	65 54	65 41	71 36		75 • 4 49 • 9

# SUPPLEMENTAL DATA

	Wind	direction		Wind	speed p. h.		Relat	ve hum	dity ave	rages		Numb	er of da	ys with	precipi	tation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 A EST	7:00 A EST	1,00 P EST	7,00 P EST	Trace	60'-10'	.10-49	.50– 99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st
ALLENTOWN W8 AIRPORT	SW	12	7.8	30++	W	18+	90	90	60	76	3	4	2	4	1	0	14	-	5.7
ERIE W8 AIRPORT	s	13	10.5	29++	NE	28+	74	81	64	70	3	3	9	1	1	0	17	-	6.5
HARRIS8URG W8 AIRPORT	WNW	16	6.3	28	SW	10	88	89	61	76	2	4	4	3	0	0	13	53	6.2
PHILADELPHIA W8 AIRPORT	ENE	9	7.7	23	Ε	27+	85	83	55	71	4	3	3	1	1	0	12	56	5.8
PITTSBURGH W8 AIRPORT 2	wsw	9	6.9	21++	W	11	84	89	63	70	4	2	6	3	1	0	16	54	6.7
READING W8 CITY	W	-	8.2	31	W	18	-	-	-	-	0	5	5	1	1	0	12	53	5.7
SCRANTON W8 AIRPORT	SW	16	7.5	21	SW	18	80	82	59	71	3	6	4	0	1	0	14	46	6.5
WILLIAMSPORT W8 AIRPORT	W	10	6.9	22++	ESE	28	88	90	60	73	2	3	8	0	1	0	14	-	6.9

### DAILY SOIL TEMPERATURES

PENNSYLVANIA SEPTEMBER 1963

	Station And																Day	of mo	onth															e Di
	Depth		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
ERIE	CO FIELD RSCH LA8										į												1											
	8 INCHES	MAX		76 72	75 71	74	71 67		68 63	68 63	68	71 68	70 65	68 63	71 66	71 69	69 65	68 65	67 66	66 64			60 58	59 57	61 57	61 58	60 58	60 58	60 58	58 55	55 54	57 54		66.1 63.0
LAND	DISVILLE 2 NW																																	
	2 INCHES	8 AM	68	70	65	66	65	60	58	59	60	64	66	61	61	63	60	61	62	60	56	55	32	52	55	53	54	56	58	57	54	52		58.8
SIAI	2 INCHES	MAX	81	74	80	67	67	71	72	74	72	77	74	75	70	75	72	77			5.0					7.0								
	2 THOILS	MIN						54		56						66		60	64	58	56	50	66 48	49	68 50	52	59 54		56	58	56 53	62 49		68.6 57.9
	4 1NCHES	MAX	79 73	75 69	77 64	68 65	67 64	69 57	70 56	72 58	70 63	75 67	72 65	72 62		73 67					59 57	58 53		59 52		68 54	60 56	63 56		58 56	56 55	59 50		67.2 59.6
	8 INCHES	MAX	76 73	75 72	73 67	71 67	67 66	67 61	68 60	68 61	69 65	72 67	71 67	70 65	72 65	70 68	69 65	70 64	68 66	65 63			60 55								58 57			66.2
	12 INCHES		75 73	74 72	71 69	71 68	68 67	67 65	66 64	67 64	67 66	69 67	69 68	69 66	69 67		68 66	68 66		66 64		62 60	61 58		60 58	62 59		60 59			59 57			65.6 63.7
	16 INCHES	MAX	73 72	73 72	72 70	71 69	<b>69</b> 68	68 66	67 65	67 65	67 66	68 66	69 68	69 67	68 67	69 68	68 67	68 66	67 66	66 65	65 63	63 62	61 60	61		62 60	62 60		61 60		60 58	59 57		65.8 64.3

ERIE CO FIELD RSCH LAB - SLOPE DF GROUND: FLAT. SOIL TYPE, LAKE TERRACE CLASSIFIED AS CONOTION GRAVELY LOAM. GROUND COVER: RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

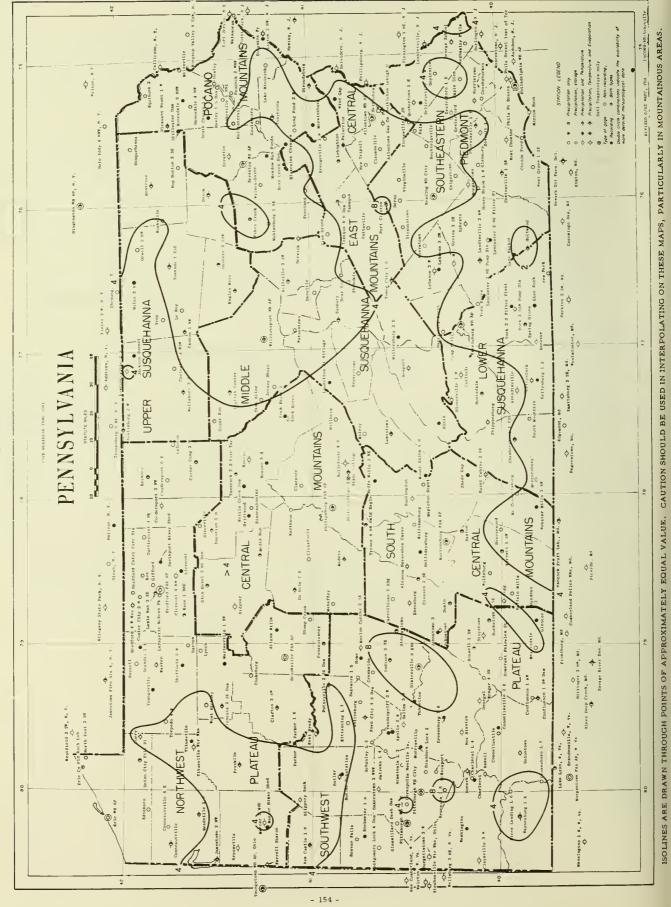
LANDISVILLE 2 NW - SLOPE OF GROUND, GENTLE SLOPE TO THE WEST. SOIL TYPE, DUFFIELD CLAY LOAM. GROUND COVER. PERMANENT BLUE GRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER.

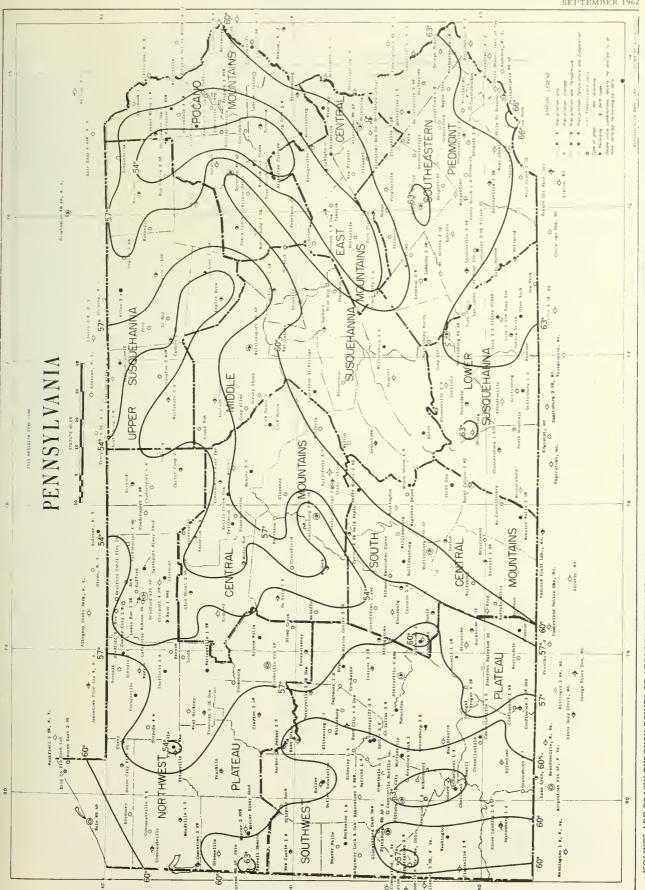
STATE COLLEGE 2 - SLOPE OF GROUND, GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE, HAGERSTOWN SILT LOAM, GROUND COVER, KENTUCKY BLUE GRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION, COPPER-CONSTANT

### EVAPORATION AND WIND

																		_										-	-				
Station																	Day o	t moi	nth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
8EAR CREEK DAM	EVAP WIND MAX MIN	.17 37 87 59	.09 33 87 64		82	.03 70 63 54	.06 59 61 44	.17 65 65 38	.15 41 71 39	.17 48 72 42	66	73 73	101 72	.20 54 74 51	43 80	.05 35 69 51	56 73	40 71	80 60	.10 64 61 41	.01 36 53 40	55 55	.10 48 58 36		40 59	38 63	.01 65 53 40	37 64	112	69 55	45 52		2.90 1629 65.7 46.7
BELLEFONTE 4 S	EVAP WIND		.21 51	_ 26	. 11	.00	.03	.17	.16 47	.17	.06	.14	.25 117	.21	.20	.08	.18 53	. 19 67	.04 85	.16 133	.05	63							.05				8 3.58 1725
CONFLUENCE 1 SW DAM	EVAP WIND		.08 37	.07 79	. 13	.02	. 17 67	. 14 43	. 14	·14 33	.03	. 12 72	.18 59	.16	. 13	.10 46	.11	. 15 49	.05 30	.13 88	. 05 42	.08	.09			.11					.03		2.87 1170
FORD CITY 4 S DAM	EVAP WIND		.24	.08	.11 13	.01	. 12 45	.15 27	.16 27	. 13	.01 16	.14 61	.20 71	.15	. 19 19	.07	.10	.12	.08	.02 70	.09			.06 18	. 10 18						.03		8 3.01 946
JAMESTOWN 2 NW	EVAP WIND		.09	. 17 19	.16 23	.02 10	.11	.12	. 15 32	.04	.12 16	. 13 34	.11	.17	. 15 47	.10 16	.08	.13	.13	.11	.07 17	.06		.02 11			*	.05	.02 63				2.85 770
KANE 1 NNE	EVAP WIND MAX MIN	-	-	-	-	-	-	-	-	-	-	.13 30 73 56	.07 28 61 47		.14 25 83 54	.06 15 72 48	13 73	.11 22 78 47	15 62	40 64	.07 14 54 39	20 52	12 54	7 44	10 66	13 68	.01 7 52 45	9		27 52	18		=
LANDISVILLE 2 NW	EVAP WIND MAX MIN	.15 31 94 62	.08 32 92 70	.07 45 70 58	13 83	.01 74 68 56	.06 78 68 47	.22 72 72 47	.14 8 78 46	.16 40 80 51	44 85	.19 98 85 75	.33 81 80 52	.10 42 82 52	* 22 86 53	.03 26 76 54	.20 42 78 55	.16 30 80 60	26 60	.23 93 70 44	* 35 64 43	.25 86 64 37	69	.06 25 57 40	122 70	.20 20 70 41	.04 32 59 58	20 68	60 62		.09 42 62 42		3.37 1422 73.0 51.5

# TOTAL PRECIPITATION





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AVERAGE IEMPERAIURE

ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE, CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

001012	C NO.		AGE ‡	UDE	TUDE	TION	T	ERVA ME A	ND	0.000	1	CTATION	K NO.	COUNTY	AGE 1	TUDE	ITUDE	NOIL	T		ATION AND .ES	OBSERVER
STATION	INDEX	COUNTY	DRAINAGE	LATITUD	LONGITUDE	ELEVATION	TEMP.	PRECIP.	SPECIAL STE MOTES	OBSERVER	L	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	DESERVER
ALLENS MILLS ALLENTOWN WB AP ALLENTOWN GAS CO ALTOONA HORSESHOE CUPVE ARPOLLO 2 W ARENDTSVILLE AUSTINDURG 2 W ARERSTOWN 3 WNW	0099 0106 0111 0134 0204 0229 0313 0355	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR WESTMORELANO ADAMS TIOGA ALLFGHENY WARREN	1 9 6 7 15 15	A0 32 41 12 40 39 40 36 40 30 40 35 39 55 42 00 40 39 41 40	79 49 78 55 75 26 75 28 78 29 79 36 77 18 77 32 79 59 79 02	748 1600 376 254 1500 1060 710 1590 1230 1310	- 1	7A 41D 7A 6P 8A 7A 3P 7A	C H	CORPS OF ENGINEERS CHARLES N. ALLEN U.S.* WEATHER BURGAU LEHIGH VALLEY GAS DIV.* ALTOONA WATER BUR- EUGENE R. YOUNG PA. STATE COL.* EXP.STA.* OTTO O. BACON PGH. CUT FLOWER CO. CORPS OF ENGINEERS	* * * * * * * * * * * * * * * * * * * *	(FGG 1771E CREEK OAM 1771E CREEK OAM 1772ENIT OEK 7 1885GEVILLE 3 W ARAYETYE MC KEAN PARK AKF MINISINK AKEVILLE 1 NNE ANCASTER 2 NE PUMP STA ANCASTER 2 NE FILT PL ANDISVILLE 2 NW	4545 4611 4672 4706 4727 4733 4758 4763	WAYNE	6 39 16 41 1 40 9 40 1 41 5 41 15 40 15 40 15 40	22 A9 54 A8 13 27 03	78 43 77 56 79 32 75 34 78 40 75 03 75 16 76 17 76 17 76 26	1280 930 790 720 2130 1360 1440 255 270 360	6P	7A 7A 7A 6A 6P	C C SA CG	PA. TURNPIKE COMM. CORPS OF EMGINEERS CORPS OF EMGINEERS CITY OF BETHLEHEM INACTIVE 12759 MRS. IRENE FOREMAN MRS- GLADYS REINEKE LANCASTER WATER BUR. LANCASTER WATER BUR. PA. STATE COLLEGE
RFAP GAP BEAVER FALLS BEAVEPTOWN RECHTELSVILLE RELLFFONTF 4 S RERNE REPWICK BETMLEHEM	0457 0475 0482 0488 0530 0599 0611 0629	LUZERNE NORTHUMBLAND BEAVER SNYDER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON NDRTHAMPTON	15 2 15 14 16 14 15 9	A1 07 40 50 A0 46 40 45 40 22 A0 51 40 31 41 0A 40 37 40 36	75 44 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23 75 23	1505 900 760 640 400 1110 325 570 240 450	8 A	7A 7A 3P 7A 7A 7A 8A 8 7A 6P 8A		CORPS OF ENGINEERS ROARING CREEK WATER CO. HOWARD R. KEHP MAPLIN R. ETTINGER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYD W. TRUMP AMER. CAR + FNDRT- CO. CITY OF BETHLEHEM LEHIGH UNIVERSITY	1 1 1 1	AIRFLION STAYE VILLAGE AWRENCEVILLE 2 S LERANON 4 MWW FRANON 3 SW LEHIGHTON F POY LEWIS RIN 3 SE FWISTOWN LOCK HAVEN LOCK HAVEN 2	4873 4893 4896 4934 4972 4984	UNION TIOGA LEBANON LEBANON CARBON BRADFORO MC KEAN MIFFLIN CLINTON CLINTON	15 40 15 41 15 40 15 40 9 40 15 A1 1 41 6 40 16 41	59 21 19 50 41 50 35 08	77 13 77 07 76 29 76 28 75 43 76 43 78 39 77 35 77 27 77 27	880 1000 590 490 580 1040 1740 480 680 630	7A 7A 7A	6P 7A 7A 8A 7A 7A 7A	00000	PA® OEPT® OF WELFARE H MARRY P® HODLAND LEON MILLER THOMAS DONNACHIE GOODWIN S® DEFRENN LEAMON N® BAUMAN RUSSELL LINEMAN H ANERICAN VISCOSE CO® JOHN P® FREY HUGGH F® PARKER
BLAIN RLAIRSVILLE 6 FNE BLAKESLEE CORNERS BLOSERVILLE 1 N BOWELL 1 SW RRADDOCK LOCK 2 BRADFORD FAR AIRPORT BRADFORD CNTRL FIRE STA	0736 0743 0763 0821 0861 0865 0867	PERRY INDIANA MONROE CUMBERLAND SOMERSFT ALLEGHENY MC KEAN MC KEAN MC KEAN MC KEAN BEDFORD	9 15 1 10 1	40 20 40 27 41 06 40 16 40 09 40 24 41 48 41 57 41 57 40 00	77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44 78 14	750 2048 1650 650 1810 725 2121 1500 1660 1352	MID:	8A 7A 7A	C C H H	PA. DEPT. FRSI WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORPS DE ENGINEERS FED. AVIATION AGENCT BRADFORD FIRE DEPT. BRADFORD MATER DEPT. DRADFORDIKE COMM.	100000000000000000000000000000000000000	LONG POND 2 W LYNCH MAGEPA MAHAFEY MAPLE GLEN MAPLETON GEPOT MARION CENTER 2 SF MARION CENTER 2 SF MARION CENTER 2 SF	\$275 \$336 \$342 \$368 \$381 \$390 \$400 \$A08	MONROE FOREST CLEARFIELO CLEARFIELO MONTGOMERY HUNTINGOON DELAWAPE FOREST INGIANA BLAIR	9 41 1 41 16 40 5 40 6 40 5 35 1 41 1 40 6 40	36 50 53 11 24 49	75 30 79 03 78 26 78 4A 75 11 77 56 75 25 79 09 79 02 78 19	1700	7A,	7A	c	THOMAS MECKES CORPS OF ENGINEERS MRS. JULIA J. SMOFF MISS ELLEN J. MILES FRANCES E. SCHE IENER MRS. J. S. BUCHANAN SUN OIL CO. ROY A. MARKER CORPS OF ENGINEERS M FED. AVIATION AGENCY
BPOOKVILLE FAA AIPPORT RDICKTON 1 SE RUFKSTOWN 1 SE RUFGETISTOWN 2 W BURNT CABINS 2 NE BUTLER BUTLER CAMPA KLINF CAMPA KLINF CANTON 1 NW	1033 1073 1087 1105 1115 1130 1135 1203	JEFFERSON ALLEGHENY SOMERSET BEDFOPO WASHINGTON HUNTINGDON BUTLEP BUTLEP BUTLER LYCOMING BRADFORD	10 6 11 6 2 2	41 09 40 18 40 04 39 57 40 23 40 05 40 52 40 51 41 16 41 40	79 06 79 59 78 50 78 39 80 26 77 52 79 54 79 53 77 20 76 52	1417 1065 2460 1318 980 990 1100 1140 590 1520	5 P	7A 8A 7A 5P 8A 7A	н с с с н	CLOSEO 07/26/64 AUSTIN R. COOPER ALVIN W. MANGES CLIFFORD C. ADAMS SMITH THP. MUNA AUTH- PA. TURNPIKE COMM- ROGER CLARK WEST PENN POWER CO. LESLIE D. DOWLING MRSMILORED SPENCER		MATAMORAS MC CONNELLSBURG MC VERSPORT MFANDW RIM PONOS MFAOVILET I S MFAOVILET I S MFAOVILET I S MFOIX RUN MFRCEP ? NNF MERCER HIWAY SMEO MFPCERSBURG MFREW INSOURG	5526 5573 5601 5606 5627 5651	PIKE FULTON ALLEGHENY LUZERNE CRAWFORO ELK MERCER MERCER FRANKLIN MONROE	5 41 12 39 10 40 15 41 1 41 16 41 2 41 12 39 9 40	56 21 13 36 17 15	74 42 78 00 79 52 75 40 80 10 78 24 8D 13 80 15 77 54 75 28	439 720 1993 1063 1106 1166 1256 613	5 8A 0 7P 0 8	7A 7A	c c c	H MARRY BISLAND MRS. MELEN M. SHIVES USS MAIT TUBE DIV GEORGE PEARAGE H CITY OF MEADVILE H MRS.E. M. SAYDEK MRS.E FRAN. STRITHERS PA. GEPT. HIGHWAYS ROLLIN P. GILBERT ARTHUR A. SMITH
CARLISLE CARROLLTOWN 2 55E CAPTER CAMP 2 W CFNAR RUN CHADDS FODD CHAMBERSBURG 1 ESE GHAPLEROI CHARLEDOI LOCK A CLARROLS 3 SW	1255 1262 1301 1342 1354 1372 1377	CUMBERLAND CAMBRIA POTTER LYCOMING OELAWARE FRANKLIN WASHINGTON WESTMORELAND CENTRE CLARION	16 16 16 5 12 10 10	40 13 40 35 41 37 41 31 39 52 39 56 40 08 40 09 41 03 41 12	77 12 78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26	465 2040 2030 800 170 640 1040 749 1410 1114	6P 9P	6P BA 7A 7A 7A 9P 7A 7A	H C C C C	CARROLL G. MILLER ROBERT F. MAURER RICHARD L. MENKEN KATHRYN T. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS MISS VELDA SMANCER PA. ELECTRIC CO.		MEYERSDALF MILANY INE MILANY INE MILLERRING 2 E MILLERRING MILLY ILLE 2 SW MILROY MONTROWERY LOCK AND OAP MONTROSE MONTROSE	5731 5738 5775 5790 5817 5825 4 5902 5915	SOMERSET BRADFORD WAYNE OAUPHIN CENTRE COLUMBIA MIFFLIN BEAVER SUSDUEHANNA BERKS	17 35 15 41 15 40 15 40 15 41 6 40 11 40 15 41	56 40 32 53 66 43 39 1 50	79 01 76 31 75 04 76 56 77 29 76 34 77 35 80 23 75 52 75 54	156	0	7.A	ccc	PAUL E. FULLER CHARLES E. STROUD CHARLES W. DAVIS RUSSELL SMEPLEY NEVIN E. BOWERSOA KENNETH LEIGHOW THOMAS C. MARBESON CORPS OF ENGINEERS PALPH TAYLOR PA. TURNPIKE COMM.
CLAUSSVILLE CLAYSVILLE 3 W CLEARPIELD CLERMONT CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW CONFLUENCE 1 NW CONFLUENCE 1 NW CONNEAUTVILLE 6 E	1512 1519 1529 1534 1569 1705 1710 1720	LEHIGH WASMINGTON CLEARFIELD MC KEAN M	11 16 1 1 5 17 17	40 37 40 07 41 01 41 41 41 AA 39 S8 39 A8 39 S0 41 45 41 46	75 39 80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 80 15	670 1000 1100 2104 1620 342 1890 1331 1000 1110	SP BA 8A	6A 7A 7A 7A 6A 8A 8A 8A 8A 8A 8A 8A 8A	C C C	WILLIAM J. OOTTERER MFGRS. L. + H. CO. TRA TATUOR MRS. TILLIE M. SIMONDS MRS. TILLIE M. SIMONDS PHILA. ELECTRIC CO. CORPS OF ENGINEERS JOHN L. REIO S. CARLYLE SHELDON MRS. PALLA J. TAUTIN		MT GRFTNA 2 SE MOUNT UNION I N MUHLENBURG 1 SE MURRYSVILLE MYERTOWN NATRONA LOCK 4 NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N MEWELL	6067 6090 6111 6126 6151 6174 6194	LANCASTER MIFELIN LUZERNE WESTMORELAND LEBANON ALLEGHENY MUNTINGOON BUCKS LAWRENCE FAYETTE	15 4 6 4 15 4 10 4 14 4 1 4 6 4 5 4 2 4 10 4	24 1 13 0 26 0 22 0 37 0 40 0 09 1 01	76 26 77 53 76 08 79 42 76 18 79 43 77 55 74 57 80 22 79 54	\$2 1111 90 48 80 90 6	0	BA 7A MID 7A	0 0	PA. TURMPIKE COMM. MI. UNION WATER WORKS INACTIVE 2/50 DAVID C. SMAW MRS.KATHWEEN WANDELL CORPS OF ENGINEERS PA. STATE UNIVERSITY PHILA. SUB. WATER. CO. LEWIS W. HAMILTON GENERAL CHEMICAL CO.
CONNELLSVILLE CONNELLSVILLE 2 E CONSHONGCEN CODSSRURG COPAOPOLIS NEVILLE 15 CDRY COUDEPSPORT 3 NW COUDEPSPORT 6 E COVINGTON 2 WSW COPEESSIDE	1729 1737 1749 1773 1790 1806 1809 1833	FAYETTE FAYETTE MONTGOMERY CLARION ALLEGHENY ERIE POTTER POTTER 710GA INDIANA	17 5 1 11 1 1 16 15	40 01 40 01 40 04 41 20 40 30 41 55 41 49 41 46 41 44 40 41	79 36 79 33 75 19 79 13 80 05 79 39 76 03 77 53 77 07 79 12	870 1300 70 1180 720 1440 2020 2425 1745 1035	6P 7P	8 A 8 A 8 A 6 P 8 A 7 A	С	MARSHALL 6. MENEFEE HARRY C. JOY PMILA. ELECTRIC CO. PA. OLPT. FRST. + bIRS. PGM. COKE + CHEM. CO. RICHARO T. MOUNTAIN MISS ELIZABETH NEFF MRS. MENRIETTA O OEITER CALVIN R. PACKARO CORPS OF ENGINEERS		NEW PARK NEWPORT NEW STANTON NEW STANTON NEW STAPOLI NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW PALW PALW PARKER	6291 6310 6326 6370 6396 6622 6681	YORK PERPY WESTMORELAND LEHIGH MONTGOMERY ERIE BRADFORD MONTGOMERY CARBON ARMSTRONG	10 41 14 41 8 4: 15 4 14 41 9 4:	0 29 0 13 0 41 0 07 2 12 1 55	76 30 77 08 79 36 75 AS 75 21 79 49 76 18 75 32 75 37 79 41	57 106 134 38	0 7A 0 MIO 0 5 MIO 0 0 5 MIO	6P 8A 9A 8A	8A C	CLINTON J. ALLEN HARS. FRANCES K. FRY PA. TURNPIKE COMM. FRED C. OSMALO BOROUGH OF MORRISTOWN ELLSWORTH EAVER ELMER T. MOORE MRS. MELEN ESCHEACH NEW JERSEY ZINC CO. LOUIS A. MALARKEY
CRESSON 2 SE CUSTER CITY 2 M DANVILLE DEVAULT 1 M OINGMANS FERRY DINGCAL DOMEGAL DOMEGAL OOVLESTOWN DRIFTWOOD	1978 2013 2116 2160 2171 2183 2190 2221	CAMBRIA MC KEAN MONTOUR CHESTER PIKE WYON ING WESTMORELAND WASHINGTON BUCKS CAMERON	1 15 14 5 15 17 10 5	40 27 41 55 40 58 40 05 41 13 41 32 40 07 40 10 40 18 41 20	78 34 76 41 76 37 75 33 74 52 75 57 79 23 79 52 75 08 78 08	750 1746	MID I	7A 410	C H	FRED A. PLEMPEL INACTIVE 12/59 MRS. MARTE M. LITILE PA. TURNPIKE COMM. THOMAS A. HOTALEN HARULO J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES GEORGE HART SIONEY KENNEOY		PARKER I E PAURACK 2 WN' RHIL BREXPL INST OF TF. PHILADELPHIA PT BEEEE PHILIPSRUBG FAA AP PHICKELF IE PIKES CRFFK RITTSRUBGH WB AP 2 PITTSBURGH WR CITY	6762 6889 6891 6916 6921 6939 6999	CLARION PIKE PIKE PHILADELPHIA PHILADELPHIA PHILADELPHIA PHILADELPHIA CENTRE CHESTER LUZERNE LUZERNE ALLEGHENY	S 4 14 3 S 3 S 3	9 53 9 55 0 54 0 07 1 18 0 30	79 40 75 14 75 11 75 15 75 12 78 05 75 30 76 08 80 13 80 00	3 191 10	0 MID 7 MID 2 MID 8 MIO 5 5P	M10 M10 M10 M10	00000	P. M. NEELY MISS L. VETTERLEIN FRAMCIS R. DAVIS. JR. JU.S. WEATHER BUREAU ATLANTIC REFINING CO H FED. AVIATION AGENCY PHILA. SUD. WATER COMM- MARRY SMELOON JU.S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU
DU BOJS FAA AIRPORT DU BOJS 7 E DUNLO DUNLO DUNCHORE 2 SKW FAGLES MEPE EACH BRADY ERENSRUBG EOI MOORD EMPORIUM I N FRCLISH CENTEP	2265 2296 2325 23A3 2363 2466 2514 2635	JEFFERSON CLEARFIELD CAMBRIA SULLIVAN SULLIVAN CLARION CAMBPIA ERIE CAMERON LYCOMING	16 16 16 1 4 1	41 11 41 06 40 17 41 29 A1 24 40 59 40 29 41 52 41 32 41 32	78 54 78 38 78 43 76 25 76 35 79 37 78 43 80 08 78 14 77 17	1814 1670 2410 1910 2020 820 2090 1220 1560 880	7A SP 7P 8A 7A		C H	FEO AVIATION AGENCY CITY OF DU BOIS MRS. O. L. WHITE ROBERT J. OBERT FRANCIS B. MANLEY A. B. KEMPEL ROBERT A. WASSER EOINBORU ST. TCMR. COL. MRS. TALLIE M. BRITTON WILLIAM SUOFRS	"	PLEASANT MOUNY 1 W PORT CLINTON POTTSVILLE PUNYSTITAMEP RUTHEVILLE 2 SF OAM OUAKERTOWN 1 E RAYMOND PFADING WB CITY REMOVO REMOVO S S	7116 716: 721 722 723 7316 7316 7400 7416	WAYNE SCHUTLKILL SCHUTLKILL JEFFERSON ARMSTPONG BUCKS POTTER BERKS CLINTON CLINTON	14 4 14 4 1 4 5 4 13 4 16 4	0 42 0 57 0 55 0 26 1 52 0 20 1 20 1 14	75 27 76 02 76 11 79 DO 79 17 75 20 77 52 75 58 77 45 77 46	222 26 66 203	0 7A 0 8A 0 SP 0 6 M 10 0 7A	7A MIO 7A	c c	
EPHRATA EQUINUNC 2 ERIE CO FIELD RSCM LAR FPIE WB AIRPOPT FVERFTI 1 SW FADRELL SHARON FORD CITY 4 S DAM FRANKLIM FREELAMO GALETON	2671 2673 2682 2721 2814 2942 3028 3056	LANCASTER WAYNE ER IE ER IE BEDFORO MERCER ARMSTRONG VENANGO LUZERNE POTTER	5 8 6 2 1 1 15	40 11 41 51 42 13 42 05 40 00 41 14 40 43 41 23 41 01 A1 44	76 10 75 13 79 51 80 12 78 23 80 30 79 30 79 49 75 54 77 36		MID 8A 7P 8A 6P	8A 7P	СН	STANLEY L. VOM NEIOA MRS. MENKIETTA MUKHY FIELD RESEARCH LAD. JU.S. WEATHER BUREAU JU.S. WEATHER BUREAU DA. TURNPIKE COMM- SHARON STEEL CORP. CORPS OF ENGINEERS RICHARD A. BEITH ANDREW 8. EVANSHA STANLEY G. LUSH		DEW RICES LANDING L 6 RIDGWAY ROCHESTER 1 N RUSHVILLE RUSSELL SAFE HAPBOR SAGAMORE 1 S SALINA 3 W SAXION	744: 747: 754: 772: 772: 773: 773: 778.	MC KEAN REFERE REFERE SUSOUEHANNA WARREN LANCASTER INDIANA WESTMORELANG BEOFORO	10 3 1 4 2 4 15 4 1 5 3 1 A 7 4	1 25 0 43 1 A7	78 32 80 00 78 45 80 18 76 07 79 08 76 23 79 14 79 33 78 15	225 77 136 90 87 27 132 310 76	S 8A 10 8A 10 10 10 10 10 10 10 10 10 10 10 10 10 1	7A 8A 7A 8A 7A 6P 8A	c c	CARL KOPATZ MIKE L. FERRIE S.M. WATER POWER CORP. CORPS OF ENGINEERS MUN. AUTM. WSTMRLD. CO. MRS. ALVERTA L. HOLMES
GFIGFRTOWN GEORGF SCHOOL GFTY*SRURG GETTY*SRURG 1 S GIFEOPD GLENCOE GLEN HAFEL 2 NE DAM GLENHOORE GLEN ROCK GLEN HAFEL DAM GLENHULARD DASH DAM	3200 3218 3223 3237 3298 3311 3321	BERKS BUCKS ADAMS ADAMS MC KEAN SOMERSET ELK CHESTER YORK ALLEGMENY	12 12 1 12 1 12 1 5	40 13 40 13 39 50 39 88 41 51 39 89 41 34 40 06 39 48 40 33	75 S0 74 S6 77 14 77 1A 78 36 78 51 78 36 75 A7 76 44 80 13	400 135 540 530 2220 1620 1725 440 620 705	9A	8A 9A 8A 7A	H C C C	WALTER C. WOLF GEORGE M. MART7 HUGH C. MC ILHEMNY NATIONAL MILITARY PARK INACTIVE 12/59 HRS. MARY M. HARTHAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. MC WILLIAMS CORPS OF ENGINEERS		SCANOIA 2 E SCHENLFY LOCK S SCRANTON WE AIRPORT SCLARTON WE AIRPORT SELLFRSVILLE 2 NW SHADE GAP 2 NE SHAMOKIN SHEELELD 5 W SHIPPENSRUBG SINNEMAHONING	786 790 790 793 796 797 802 807	WARREM AMSTRONG LACKAWANNA LUZERNE BUCKS HUNTINGDON BNORTHUMBLANG WARREN FRANKLIN CAMERON	1 4 15 4 15 4 3 4 6 4 15 4 15 4	1 20 0 23 0 12 0 48 1 42 0 03 1 19	79 01 79 40 75 40 75 44 75 20 77 52 76 33 79 08 77 32 78 05	53 92 77 192 76	3 6 7A 10 H10 10 10 10 10 10 10 10 10 10 10 10 10 1	BA AP 7A	c c	CORPS OF ENGINEERS U.S.» POST OFFICE HJ U.S.» WEATHER BUREAU SELLERSVILLE WATER CO. MRS.» HELEN M.» PYLE ROARING CREEK WATER CO. WILBUR R.» NOMOIN KEITM B.» ALLEM MRS.» FRANCES CALOMELL
GOULOSBORO GRAITERFORD GRAITERFORD GREENSBORD LOCK 7 GREENSBURG 2 E GREENVILLE HAMOVER HARRISHING WE AP HARRISHURG WORTH HAWLEY	3435 3A37 3503 3515 3526 3662 3699 3704	WATNE MONTGOMERY MONTGOMERY GREENE WESTMORELAND MERCER YORK OAUPMIN	14 14 10 10 2 15 15	41 15 40 1A 40 14 39 47 40 18 41 24 39 48 40 13 40 18 41 29	75 27 75 27 75 26 79 55 79 31 80 23 76 59 76 51 76 54 75 10	335 323		9A	с н с н	OANA L. SMAY CHARLES A. LEISTER STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. GEFT. HILMMAYS C. EARL MILLER HANDVER EVENING SUN JU.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATLS	#	SIZERVILLE SLIPPERY ROCK SMETHPORT MIGWAY SHED SOMFRET FAIRVIEW ST SOUTH CANAAN 1 NE SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE SYATE COLLEGE STATE COLLEGE STILLWATER DAM	818 819 824 827 830 837 844 845 849	5 CAMERON 4 BUTLER 0 MC KEAN 4 SOMERSET 5 WAYNE 8 ERANKLIN 9 YORK 9 CENTRE 2 CENTRE 1 SUSQUEMANNA	2 4 1 4 17 A 5 4 12 3 15 3 16 4 16 4	1 31 9 51 9 52 0 48 0 48	78 11 80 03 78 27 79 05 75 24 77 30 76 52 77 52 77 52 75 29	123 134 151 214 140 152 41 117 118	70 70 70 75 74	7A 7A 8A 7A	c c c	PA. DEPT. DE MEALTM P. H. GLATELLTER CO. PA. STATE UNIVERSITY CORPS OF ENGINEERS
MAMLEY 1 S DAM MOLLIOAYSPURG MOLLISTREYILLE MOLTMOOP MOME MOMESOALE 4 NW MOMESOALE 6 NNW MOMEY REDOK 1 W MOP BOTTOM 2 SE MUNTINGOON	4001 4008 4019 4027 4043 4044 4047	WAYNE BLAIR WAYNE LANCASTER INDIANA WAYNE WAYNE CHESTER SUSOUEHANNA HUNTINGDON	6 5 15 15 5 5	41 28 40 26 41 23 39 50 40 45 41 37 41 39 40 06 41 43 40 29	75 11 78 24 75 26 76 20 79 06 75 19 75 17 75 56 75 43 78 01	1200 960 1360 187 1220 1410 1050 700 900 640		8A 8A 9A 7A 7A 7A	C H	PA. POWER + LIGHT CO. JOHN H. RINGLER PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. RES. ECONA M. BUSH GEORGE C. WILLIAMS ERIEMO E. WALTER S. M. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER		STOYSTOWN STRAUSSTOWN STROUDSBURG STIMP CREEK SURRURY SUGILEMANNA TAWAGUA AN DAM TIONESTA 2 SE OAM	857 858 859 861 866 869 875 876	O SOMERSET O BERKS 9 INDIANA 6 MONROE O JEFFERSON 8 NORTHUMBLANI 2 SUSOUEHANNA 8 SCHUYLKILL 3 SCHUYLKILL 3 FOREST	14 4 5 4 15 4 15 4 14 4 1 4 4 1 4	1 57 0 48 0 51 1 29	78 57 76 11 78 55 75 12 78 50 76 47 75 36 75 59 79 26	133 46 102 83 113 120	00 80 80 80 11P 20 7A 20 80 7A	8A 11P 7A 7A 7A 8A 7A		CORPS OF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WTR. CO H CORPS OF ENGINEERS
HUNTSDALE HYNDMAN INDIANA 3 SE JACKSON SUMMIT JAMESTOWN 2 NW JEMSEY SHORE JOHNSTOWN JOHNSTOWN 2 KANE 1 NNE KARTHAUS	4190 4214 4304 4325 4363 4385 4390 4432	CUMBERLAND BEDFORD INDIANA T10GA CRAWFORD LYCOMING CAMBRIA CAMBRIA MC KEAN CLEAREIELO	12 4 15 2 16 4 4	40 06 39 49 40 36 41 57 41 30 41 12 40 20 40 19 41 41 41 07	77 18 78 44 79 07 77 01 80 28 77 15 78 55 78 55 78 48 78 07	610 960 1102 1690 1050 541 1214 1275 1750 950	7P 8A 9A 8A	7A	C H	METRO P. OOROSH OONALD LEHMAN CLYMER WATER SVC. CO. ARCHIE LAIN PA. DEPT. ERST. + WIRS- GEORGE R. WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDOLPH A. ANDERSON WILLIAM J. HOWE		TITUSVILLE TITUSVILLE WATER WORKS TOBYHANNA TORPEDO 4 W TOWANNA 1 ESE TOWER CITY 2 E TROY TUNNELTON	888 889 890 890 891 895	5 CRAWFORD 6 CRAWFORD 3 MONROE 1 WARREN 5 BRADEORD 2 SCMUYLKILL 9 BRADEORD 9 INDIANA	1 4 5 4 15 4 15 4	1 38 1 38 1 11 1 47 1 45 10 35 1 47 10 27	79 40 79 42 75 25 79 32 76 25 76 31 76 47 79 23	110	20 7P 30 5P 35 45 7P 35 8A	5P 7A 7A	0	CITY OF TITUSVILLE MRS. JULIA GRACY MRS. LILY B. GARBER H LEVERN ROOT H MRS LILLIAN S BOWMAN JENNIE L. BALLARO
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### STATION INDEX

CONTINUED																				PIOPHNYLYANIA 1902
STATION M		DRAINAGE ;	LATITUDE	LONGITUDE	ELEVATION	TI	TABI	EAVE SPECIAL STEEL	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION		SERVAT TIME AN TABLES	(D	OBSERVER
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1-ALLEGHENY, 2-BEAVER, 3- 4-CONEMAUGH, 5-DELAWARE, 6-JUNIATA 7-KISKIMINETAS, 8-LAKE ERIE, 9-LEHIGH, 10-MONONGAMELA, 11-OHIO 12-POTOMAC, 13-LAKE ONTARIO, 14-SCHUYLKILL, 15-SUSQUEHAMNA, 16-WEST BRANCH, 17-YOUGH TOMENY,

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harriaburg State Airport, New Cumborland, Pennsylvania, or to any Weather Bureau Office near your

Figures and letters following the station name, such no 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this hulletin

Statinns appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, disensional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches and wind novement in siles. Monthly degree day totals are the awas of the negative departures of average deally temperatures for 36 °F, and the second of the negative departures of average deally temperatures for 36 °F.

Exporation is measured in the standard weather Bureau type pan of 4 foot diameter unless otherwise about by footnote following the "Evaporation and wind" Table. Max and Min in "Evaporation and wind to the parties of the stress of temperature of water in pan as recorded during 24 hours ending at time of otherwestion.

Normals for all stations are climatological standard normals based on the period 1931-1960,

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfail" Table include snow and sleet. Entries of snow on ground include snow, sleet and its

Data in the "Extremes Table": "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Rind" Table; and snowfail in the "Snowfail and Snow on Ground" Table, when published, are for the 24 hours ending at time of Observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saxing time.

w nn ground in the "Snewfall and Snow on Ground" Table in at observation time for all except weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

- in the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following C seconding hain dags Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. 6 "Soil Temperature Table.

  B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

  J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

- OTHER REPERDICE NOTES

  No. record in the "Climatological Data" Table and the "Daily Teaperature" Table is indicated by no entry.
  Interpolated values for southly precipitation totals may be found in the sinual issue of this publication.
  No record in the Supplemental Data" Table; "Daily Precipitation" rable; "Daily Teaperature" Table; "Daily Precipitation" rable; "Daily Teaperature" Table; "Daily Teaperature" Table; "Daily Teaperature" Table; "Daily Soil Teaperature" Table; "Snowfall and Snow on Ground" Table; and the Station ladex.
  And also on an earlier date or dates.
  Fastest observed one minute wind speed. This station is not equilipped with automatic wind instruments.
  Thermoesters are generally exposed in a shelter located as few feet shows sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
  Gage is equipped with a windsheld.
  One of record as a substance of the station index means after rain.
  Adjusted to a full south.
  Water equivalent of snowfall whelly or partly estimated, using a ratio of i inch water squivalent to every 1D inches of new snowfall.
  One or more days at record missing; if average value is entered, less than 10 days record is missing. See "Daily Teaperature" Table for detailed daily record. Degree day data, if usering the sharp with the of observation column in Station index means observation made nown summer.
  This entry in time of observation column in Station index means observation made nown summer.
  Includes total for previous month.
  Includes total for previous month.
  This sharp in time of observation column in Station index means variable.

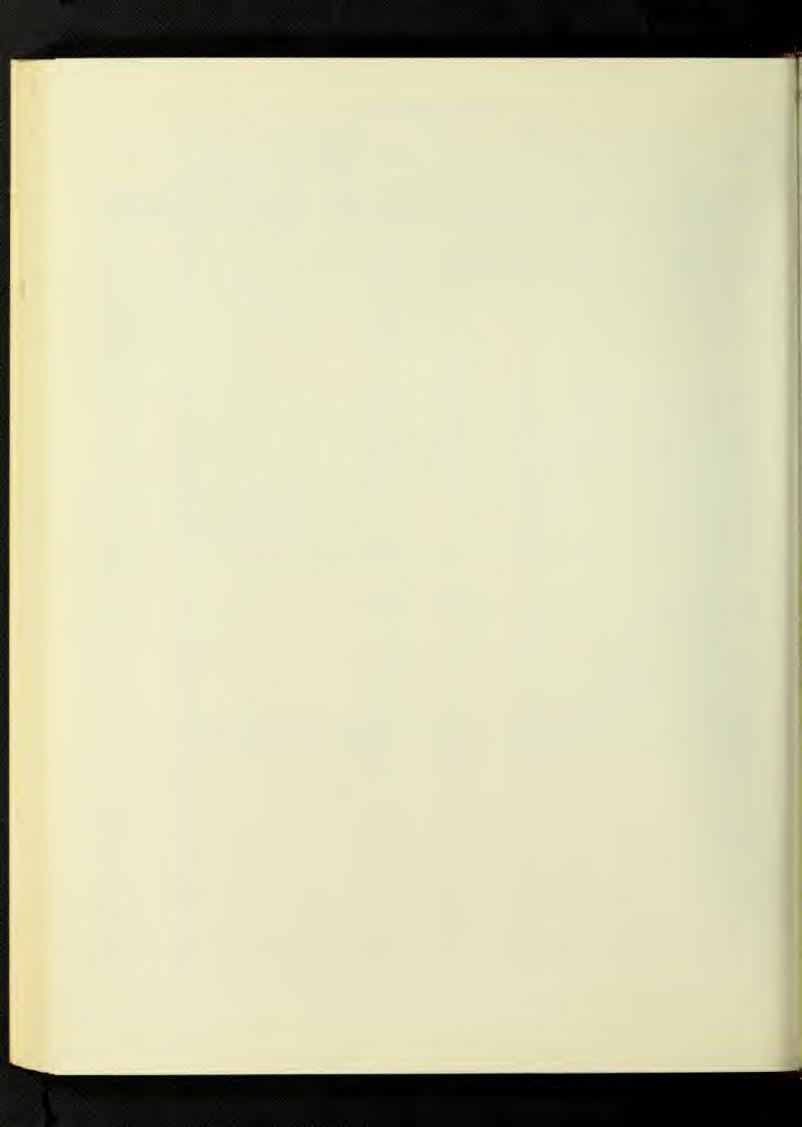
  Weather conditions in the U. S. far each month are described in the publications MONTHLY REATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMANY, and STORM DATA, all of which

General weather conditions in the U. S. for each month are described in the publications MONTHLY REATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be nhtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superint elements of Decimination for regular Weather Bureau stations may be the latest amount of

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 11/8/62 --- 1000



### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

OCTOBER 1962

Volume 67 No. 10



# CLIMATOLOGICAL DATA

RENNSYLVANIA

				Terr	peroti	ure									Preci	pitation				JC R	1962
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See Reference Notes Following Station Index

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63.5 68.4M 61.6 66.0 65.4 67.3 66.7 62.7	42.7 42.9M 39.7 40.9 39.3 41.6 40.8 42.7	53.1 56.7M 50.7 53.5 52.4 54.5 53.6 52.5	0.4 - 0.1 - 0.8 0.2	84 79 84 83 88	12+ 16 13+ 17+ 16	23 26 27 27 27	25 27+ 26 30+ 27+ 30+	372 298 438 358 389 334 358 389	00000000	0	6 0 7 0 8 7 0		2.32 2.32 2.13 1.59 2.53 .80 1.87	- 1 - 1	.65	.57 .91 .93 .65	31 31 31 31 4	2.0 .0 4.0 T .0 2.5 T .6	0 4 0	26	9 3 3 9 1 3	2 2 1 1 1	0 0 0 0 0
65.6 69.6 64.5 64.9 66.9 64.4 63.8 68.0 64.1 60.6 66.7 67.3 68.1 66.7 67.3 68.1 65.7 63.4 65.7 63.4 65.7 63.5 64.8 63.6	42.6 44.3 37.1 38.0 M 40.0 39.7 39.6 44.7 38.6 44.0 41.6 44.0 41.6 43.1 41.5 43.2 47.4 43.8 43.6 39.5 43.6 39.5	54.1 52.0 50.8 51.5M 53.5 52.1 51.7 56.4 51.1 55.4 51.1 55.4 54.5 55.6 651.0 53.6 50.5 60.5	- 1.8 0.4 - 0.6 0.8 0.2 0.5	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	15 16 16 15 16 15 15 15 15 17 16 16+ 17+ 15	231 252 223 275 236 242 243 254 242 254 254 254 254 254 254 254 254	26 28+ 28+ 27 26 27 30+ 25 27+ 27 27+ 27 27- 27- 27- 27- 27- 27- 27- 27- 27-	346 407 434 377 359 395 406 426 302 333 39 315 365 229 311 365 229 400	000000000000000000000000000000000000000		5300061590757475386674		3 · 49 2 · 03 2 · 76 2 · 02 3 · 60 2 · 50 2 · 82 2 · 82 3 · 37 1 · 65 2 · 83 2 · 62 2 · 62 2 · 62 2 · 62 2 · 62 3 · 76 3 · 76 3 · 76		• 51 • 02 • 10 • 41 • 86	. 96 . 48 . 41 . 43 . 99 1 . 04 . 87 . 87 . 77 1 . 03 . 75 . 78 . 67 . 30 . 59 1 . 16 . 59 . 99	4 17 9+ 31 30 5 5+ 5 6 31 4 4 16+ 5	. 5	33 00 00 33 40 01 11 55 TT TO 00 TT	27+ 26 25 26 27+ 26 27+ 27+ 26 27+	10 5 7 5 9 8 6 7 6 6		000000000000000000000000000000000000000
57.4 60.6 64.4 59.9 62.1 58.5 60.0 68.1 61.5 65.1 65.6 63.6 55.1 65.4 63.6 63.6 63.6 63.1 60.1	38.6 37.0 39.6 37.5 40.6 41.1 36.1 40.8 40.7 46.7 46.3 41.6 42.5 39.8 34.5 40.2 39.4 40.2 39.4 40.2	48.0 48.8 52.0 48.7 52.3 51.6 47.3 50.4 54.4 54.4 51.7 47.2 51.8 52.4 48.2 51.4	- 0.6	78 82 78 84 81 77 80 85 82 83 84 83 82 78 82 79	16+ 15 16+ 15+ 16+ 15+ 16+ 15+ 11 12 17+ 12 15+	2 5 2 5 2 6 2 1 2 4 2 4 2 6 5 2 6 2 6 2 7 2 6 2 6 2 7 2 6 2 6 2 7 2 6 2 6 2 7 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6	24 27+ 25 26 24 26 27 25 27 31+ 26+ 27 28 27 28 27 26	517 496 398 5396 417 548 338 2751 346 409 4512 4512 4512	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1	4 9 4 7 9 6 7 6 1 3 7 6 7 1 8 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	000000000000000000000000000000000000000	3.36 2.61 3.29 3.69 4.81 722.89 22.89 22.63 22.63 22.63 3.67 3.67 3.68 3.67	Ē	.72 .18 .81 .27 .34	.68 .78 .45 .65 .65 .90 .90 .70 .74 .74 .64 .69 .83 .93	17 5 26 17 11 4 17 11 17 17 17 17 17 17 17 17	T 8.5 10.00 19.00 19.00 19.00 2.88 T 3.00 T 1.99 2.22 2.00 8.5 6.8 6.00 10.00 8.7	400 55 57 77 77 22 0 0 1 0 0 2 2 8 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	26 26+27 27+27 27+27+26+26+27 27+26+27	10 11 9 11 11 11 10 9 10 12 9 6 8 8 12 10	2 1 0 1 3 0 1 1 1 1 1 1 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	68.4M 61.6 66.0 65.4 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66	68,44M 42,9M 61.6 39.7 65.4 39.7 65.4 39.7 66.7 42.6 65.6 42.6 65.6 44.3 64.5 37.1 64.9 40.0 66.9 40.0 66.9 40.0 66.4 439.7 63.8 39.6 64.1 40.7 63.6 44.7 64.9 43.6 66.7 44.0 66.7 44.0 66.7 42.6 66.7 44.0 66.8 42.6 66.7 47.6 66.8 48.6 66.7 49.7 67.3 41.6 68.1 43.7 66.8 49.7 67.3 41.6 68.1 43.7 66.8 49.7 66.8 40.7 66.9 40.7 66.8 40.7 66	68.4 40 42.9 55.7 66.0 40.9 53.5 66.2 40.8 54.5 66.2 54.1 55.6 64.4 39.7 50.4 66.9 40.0 53.6 66.4 40.9 38.0 51.6 66.4 40.7 52.4 66.6 40.6 59.6 66.7 40.6 59.6 66.7 40.7 52.4 66.6 67.3 40.6 59.6 66.7 40.7 52.4 66.7 52.7 52.0 53.2 52.0 53.2 52.0 53.2 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52	68,44M 42,9M 55,7M 61.6 39.7 50.7 - 0.1 66.0 40.9 53.5 0.7 65.4 39.3 52.4 67.3 41.6 54.5 66.9 40.8 53.4 52.0 64.5 37.1 50.8 66.9 40.0 53.5 50.4 64.5 37.1 50.8 66.9 40.0 53.5 50.4 64.6 41 40.7 52.4 66.4 41 40.7 52.4 66.6 61.5 39.5 50.5 66.7 44.0 55.4 66.7 44.0 55.4 66.6 67.7 47.4 56.6 60.0 59.9 57.0 50.2 66.0 59.9 57.0 50.2 66.0 50.2 67.0 50.2 6	68.4 M	68.4M 42.9M 55.7M 84 12+ 61.66 39.7 50.7 - 0.1 84 13+ 65.4 39.3 52.4 - 0.8 83 17+ 65.4 39.3 52.4 - 0.8 83 17+ 66.7 40.8 53.5 - 0.2 88 16 66.7 40.8 53.5 0.2 88 16 65.7 42.7 52.5 0.4  65.6 42.6 54.1 81 16+ 59.6 44.3 52.0 82 16 64.9 38.0M 51.5M - 1.8 83 16 66.9 40.0 53.5 0.4 84 15 64.4 39.7 52.1 83 16 68.0 44.7 56.4 - 0.6 85 15 64.1 40.7 52.4 83 16 66.7 44.0 55.4 68.1 83 15 66.7 44.0 55.4 68.1 83 15 66.7 44.0 55.4 68.1 83 15 66.7 44.0 55.4 68.1 83 15 66.7 44.0 55.4 68.1 83 15 66.7 44.0 55.4 68.1 83 15 66.3 37.5 50.5 88 117+ 68.1 43.1 55.6 68.1 83 15 66.3 37.6 52.0 88 117+ 68.1 43.1 55.6 68.1 83 15 66.2 43.5 53.6 83 15 66.3 37.6 52.0 88 117+ 66.3 37.6 52.0 88 117+ 66.3 37.6 52.0 88 115 66.3 37.6 52.0 88 115 66.3 37.6 52.0 88 115 66.1 41.1 51.6 0.7 81 15 66.3 37.6 52.0 88 115 66.1 41.1 51.6 0.7 81 15 66.3 37.6 52.0 88 15 66.1 41.1 51.6 0.7 81 15 66.3 39.6 53.4 88 16 66.1 41.1 51.6 0.7 81 15 66.3 9.6 52.0 83 16 66.1 41.1 51.6 0.7 81 15 66.3 9.9 57.7 18 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.6 53.4 16 66.1 68.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 67.3 40.6 52.3 40 68 81 15 66.1 41.1 51.6 0.7 81 15 66.1 41.1 51.6 0.7 81 15 67.3 40.8 81 67.3 40.8 81 67.3 40.8 81 67.3 40.8 81 67.3 40.8 81	68.4 44 42.9 53.5 5.7 M 84 127 23 66.6 4 39.3 52.4 - 0.8 83 16 27 66.7 42.2 52.5 - 0.2 88 16 27 62.7 42.2 52.5 - 0.4 84 15 26 65.4 43.9 53.6 66.9 40.9 53.5 6.8 81 16+ 26 65.6 42.6 59.5 0.2 88 16 27 82.6 66.9 40.9 53.5 0.4 84 15 23 66.9 40.9 53.5 0.4 84 15 23 66.4 43.3 52.0 64.5 37.1 50.8 81 16 27 63.8 39.6 51.7 63.8 39.6 51.7 63.8 39.6 51.7 63.8 39.6 51.8 64.1 40.7 52.4 66.7 44.0 55.4 83.15 26 66.7 44.0 55.4 83.15 26 66.7 44.0 55.4 84.15 26 84	68.4 M	68.4 M	68.4M	68.4M	68.4M	68.4M	68.44	88.44	68.4 42.9M 55.7M 61.6 39.7 50.7 0.01 84 12.2 23 27 346 0 0 0 10 0 2.3265 66.4 39.3 7.5 51.5 0.2 88 16 27 274 338 0 0 10 10 0 2.3265 66.4 39.3 39.3 52.4 - 0.8 83 16. 27 274 338 0 0 0 8 0 0 1.59 - 1.24 66.2 43.8 51.5 52.5 0.2 88 16 27 274 334 0 0 0 7 0 2.13 - 65 66.2 43.8 51.5 52.8 51.5 0.2 88 16 27 274 334 0 0 0 7 0 2.5321 86.2 7 42.2 52.5 0.4 81 16.2 6 26.4 38.0 0 0 6 0 1.8785 66.2 43.8 51.5 52.8 64.1 35.1 64.2 6 26.4 38.0 0 0 6 0 1.8785 66.2 43.8 51.5 52.8 64.1 35.1 64.2 6 26.4 38.0 0 0 6 0 1.8785 66.2 45.4 51.5 51.6 6.3 43.1 62.2 7 35.5 0 0 0 0 0 0 8.0 0 8.0 1.8785 64.1 40.7 52.4 83 16 22 27 35.0 0 10 0 2.2051 68.0 43.7 52.4 83 16 22 27 35.0 0 15 0 2.5502 64.1 63.1 51.4 63.1 52.4 83.1 52.2 7 35.4 60.1 11 10 0 3.60 68.1 43.1 55.4 63.1 52.4 83.1 52.2 7 35.1 60.2 10 10 0 2.2051 68.0 43.7 52.4 83.1 52.2 7 35.0 0 1 10 0 2.2051 68.0 43.7 52.4 83.1 52.2 7 35.0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 55.4 63.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 52.4 83.1 52.5 27 38.5 0 0 1 10 0 2.2051 68.1 43.1 52.4 83.1 52.5 27 7 38.5 0 0 0 1 10 0 2.2051 68.1 43.1 52.5 38.5 0 0 0	88.44	88. 4	68.4 M 42.9 M 55.7 M 64 124 23 25 29 8 0 0 0 0 2.33	86.4 M	68 4	68 4	68.4

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 13th at Newport.

Lowest Temperature: 16° on the 26+ at Pleasant Mount 1 W.

Greatest Total Precipitation: 7,89 inches at Susquehanna.

Least Total Precipitation: 0.80 inch at Kegg.

Greatest one-day Precitation: 4.31 inches on the 5th at Eagles  $$\operatorname{Mere}$.$ 

Greatest Reported Total Snowfall: 19 inches at Corry.

Greatest Reported Depth of Snow on Ground: 12 inches on the  $$27{\rm th}$$  at Torpedo 4 W.

										_	P.	-6.35	- 43														OBER	19
Station	Total	1 2 3	4 5	6	7	8	9	10	11	12		of Mo	nth 15	16	17 1	8	19 2	0 21	22	23	24	25	26	27	28	29	30	0
CMETONIA LOCK 3 LLENTOWN WB AP R LLENTOWN GAS CO	2.38 3.05 2.97 2.97		.07 .78 .78 .41 .73	+12		•22 T	•05 •42 •30 •14	.05 .06	T	T					.36 T		20   2	•1	3 .01	.01 T	.03 T	.04 .01	•36 •09 •16	T T	•01	.05 .01 .12	1.13	3
RENOTSVILLE USTINBURG 2 W AKERSTOWN 3 WNW ARNES	3.78 1.40 3.64	•02	.56 2.23 .15 1.12 .04 .01 .06 .30	.75 .01	•05	•02	.13 .35 .11	.10 .01	•50	•04	•20				.08 .41 .33			T • 0	9	•17 T •02 •11	•12 •32 •01 •30	.03	•17 •05	.18	•09	.18 .07	•31	1.
AR CREEK OAM AR GAP AVER FALLS AVERTOWN	5.38 4.50 2.09 5.18		2.94 1.20 .98 .06 .90 .30 3.29	-10		•12	.29 .43 .06	•27 •19 •04 •05	•04	•03	T				•23			• C	2	•02	•03	•03 •05	.40 .14 .19	.08		.11 .08 .30	• 37	ı,
HTELSVILLE LEFONTE 4 S INE	3.19 2.79 3.45 4.71		1.17 1.62 T 1.46	Т	.03	т	.50 .16 .13	.37 .03 .34	•09	T •04	•05							• •	2	T T	•05	•04	.15 .10 .16 .10			•18 •15 •13 •06		1
THLEHEM THLEHEM LEHIGH UNIV VIRSVILLE 6 ENE SSERVILLE 1 N	2 • 41 2 • 30 3 • 49 5 • 02	•09	.57 .20 .96 .22 .60 3.28	T		+12	•31 •46 •41 •02	•11 •05 •03 •01	T	.06					•05			T • 3	0	T •14	•09	•42	.16 .08 .12		•09 •01 •05	.03 .03 .06	• 91	1.
SWELL 1 SW  ODOCK LOCK 2  OFFORO FAA AIRPORT  OFFORO CNIRL FIRE STA  OFFORO 4 W RES	3.36 1.94 3.17 3.17 3.36	Т	.12 .59 .02 .25 .48 .24 .33 .25 .27 .16	*19 T	.01	.09 .21 .08	.20 .06 .03 .09	•27 •01 •01 •02	•41 •35 •40	T •02 •03	•08	• 02		•30 •29 •02	•06 T •54		1	• 0 • 2 • 0 • 0	6 T 2 •18	-16 -13 -31	•11 •10 •25 •38	.07 T .41 .25	.26 .28 .15 .32	T T • 04 • 20 • 16	•02	•25 •13 T	.37	
EZEWOOO CETON 1 S FALO MILLS GETISTOWN 2 W	3.30 1.95 2.84 2.03	•15	.10 .50 .12 .14 .10 1.15 .08 .02	T +32	1.10	•24 •13 •21	.20 .06 .17	•01 •07 •03							•16			•	+23	.40	.20 .10 .07	.30	.10 .26 .23	• T		•12 •05 •10	*10	
NT CABINS 2 NE LER P KLINE TON 1 NW LISLE	2.26 3.90 3.19 5.26		.80 .38 .02 .41 2.80 .05 1.45 3.22 .53	•04	• • 12	• 38	.05 .41 .07	• O 3	Ť		т				•27				т	•02 T	-18	T T	•25 •23 •22	T T •28	•	.08 .08	т ,	1
COLLTOWN 2 SSE TER CAMP 2 W IR RUN 10S FORO	2.30 2.65 2.97 1.18		.02 .69 .10 1.27 2.06			•12	.03 .03	.07 .06 .10	•20	.05	•02			•01				• C • 1	9 +01	.01 .02	•01 •12 T	.02 .07 T	.27 .30	.02	т	.13 .20 .27	.71	
MBERSBURG 1 ESE RLERO1 LOCK 4 RENCE 1 E RION 3 SW	3.11 2.66	•01	1.54 .07 .03 .75 .06 I.67 .08 .78	• 01 • 28		•04	.14 .31 .01	•17 •13 •06 •05	•29 •19	•29	•05				•14 •15			.1 T		T	·14	•10 •04	•28 •02 •16	.03	T	.28	. 86	
SSVILLE SVILLE 3 W RFIELO MONT 4 NW	3.29 2.02 2.72 3.29		.03 .84 .10 .04 .22 .84	-18	•02 T	• 30	.23 .13 .38	.28 .02 .06	.18	.07	•05				•15 •29 •06		,	•0 •0	e 05	.03	•15 •18 •08	.10 .03 T	.22 .14 .18 .25	.05	·	•11 •05 •24 •02		1
TESVILLE 1 SW FLUENCE 1 SW QAH FLUENCE 1 NW NEAUTVILLE	2.37 3.40 3.42 3.69		.03 .92 .13 .58 .21 .46 T .11	•02 •01 •09		•58 •41 •11	•16 •15 •01 •15	.48 .14 .13	.22	.04	***			.08	.07			•1	5 .01	.16	•12 •03 •11 •03 •47	.01 T	.45 .22 .22 .32	.06 .01 T T	'	.22 .01 .32 .39	T T	1
ELLSVILLE HOHOCKEN SBURG OPOLIS NEVILLE IS	3.01 1.62 3.26 1.29 4.81	т	.07 .79 .30 .13 .35 .08 .	•02 •01	.03	.05 .11 .36	.10 .75 .16 .06	•16 •15 •07	.37	.06	.07			Т	.02 .38 .23			.0 T .0 .1	3	.04	.08 .06 .27 .03	T •05	.11 .24 .60 .20	.47		•50 •31 •05	•11	1
DERSPORT 3 NW DERSPORT 6 E INGTON 2 WSW CKSIDE SSON 2 SE	2.57 2.37 3.21 2.43 3.36	ТТ	.39 .34 .16 .33 .08 1.56 .48 .32	•15 •03 •12	.06 T	•10	.07 .12 .15	.07 .03 .10	.36 .35 .05	Т	T T				.14 .19 .05 .30			•2	0	.05 .06	•11 •05 •15	.17 .03 T	•26 •36 •30 •32	.14 .25 .20	T	.17 .31 .25	- 12	
ILLE ULT 1 W N GAL	4.10 1.26 4.39 3.60	T	2.10 .20 .23 .01 1.80 .47 .20	T •29	•14	T . 24	.15 .28 .29 .11	.12 .30 .12 .35	T T	T •64 •02					T			.0 .0 T	5 T •02	.3.2	•06	•17 T	.05	.06 T	T	.03	•01	1
RA ESTOWN OIS FAA AIRPORT OIS 7 E	2.50 2.08 2.89 3.15	·15	.90 .08	+04 T	Т	*16	.10 .45 .04	•62 •03 •06	.25	·15	•07			•17	•22			.1	6 T	.05 .05	•07	•06	.18 .02 .32 .09	.01	.49 T	.20 T	1.04 -31 -16 -36	
DRE 2 SSW ES HERE BRADY SBURG	4.58 6.22 2.88 2.32		T 2.98 T 4.31	.01	T •15	•40 T	.04 .11	.48	.02		.40	.10			-70			.0 .0	3 .05	.12	.18 T T	.02 .02 .03	.32 .10 .13	.04 .15 .28		•11 •10 •11	. 05	
BORO RIUM 1 N ISH CENTER	4.56 2.94 3.89		T .10 .22 .54 .02 2.38	-11	•02	•06	.13 .18 .05	.17 .26 .06	.80 .19 .06	.03	.07				•68 •07			.0 T T		.60 .10	•51 •06	.11 T .04	.35 .70 .32 .26	.02 T	.33	•20 •05 •22 •13	•52	
UNK 2 WB AIRPORT ETT 1 SW ELL SHARON	6.05 4.02 2.13 2.63	T •14	•10 1.34 •22 •84 •35	i	•21	•08 •06 •09	.11 .01 .05	•12	• 94	1.01 .10				• 64	•01			.0 18 T	•30	.03	.06 .19 .06 .33			.14	.18	.25 .08	.14	3
CITY 4 S OAH FRANKLIN _ANO TON ERTOWN	2.88 2.22 5.88 3.16 3.14		.17 1.50 .02 .03 2.95 .07 1.50 .03 .84	•17 •05	T T	•06 •05 T	.02 .15	.02 .04 .04	.04 T		.05				•36 •74 •02	10		•1 T •0		.02 .07		.09 .05 1.30 .02	.12 .25	.01	т	.08 .27 .14 .25	1.38	
SE SCHOOL YSBURG HAZEL 2 NE OAM	1.63 3.72 3.72 2.20		T .21 .78 1.41 .44 .41 .02 .65	•03 •11 •03	.02		.68 .23 .07	•08 •05 •30	•40	•20	•07				.40			T • 0		.05	•11 •01	.09	.27 .03 .42	.05 .28 T		T •31		-
STELLARO GASH DAM DSBORO ERFORO ERFORD 1 E	1.81 4.59 1.66 1.68		.03 .28 .02 1.45 .28 .45		•02		.09 .24 .48	.01 .27 .06 .52		• 30	•05				• 39			•0	•03	T	•04 T •02	T T	•16 •27 •01 •20	-16		.04 .09		1
NSBORO LOCK 7 NVILLE /ER LSBURG W8 AP R	3.13 2.90 5.73 4.21	•01 T	.10 .90 .49 .34 3.46 2.54 .03	•02			.01 .03	•15	т	• 02	•03		09		•06 •64			01 .0 T	2	•17 T	.04 .40	.08	.09 .10	•04	•26	.02	. 18	1
ISBURG NORTH EY ISTERVILLE	4.52 4.35 5.54 3.20		.93 1.96 .06 1.43 .04 1.50	• 38		T	.05 .24 .27	.07 .40		.45 1.20	Ť	1	1					•0	2 • <b>0</b> 2 B		Т	.01 .02	.15 .09 .18	T •17		.17 .19		1
SOALE 4 NW Y BROOK 1 W BOITIOM 2 SE INGOON	4.91 2.84 7.38 1.59		.08 1.33 T 1.01 .03 2.07 .50	.45 T .29	.03		.14 .17 .15	•16 •59 •37		.75	.09 .39 T				.05			.0	•03	•01	.09' T .39	.03 T	.21 .14 .01	.07 .35 T	T	•28 •09		1
SOALE MAN ANA 3 SE STOWN 2 NW EY SHORE	4.27 2.73 2.62 2.63 4.04		.38 2.62 .11 .97 .47 .47 7 .08 .02 2.92	•09	•02	7 •35 •09 •06	.24 .19 .01 .18	.08 .02 .05	•02	-01	•02 T	1			• 20 • 59			• 3 • 0: T		.01 .04 .20	•07 •04 •26	.02 .02 .07 .02	.02 .20 .28 .26	T • 01 T		T .15 .28 .11		
ISTOWN 1 NNE	2.53 4.28 .80		.12 .40 .33 .65	•03		-21	•10 •05	+18	.35		•05				.03 .36			• 2		.13	•15 •20	.05		.08	ī	.04	T	

PENN O VANIA 1 BLR 1962

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Station	Total	г. т	- T	Т	. т. т	-	Г_ Т			-			7	of Mont																
ITTANNING LOCK 7	2.88	1	2 3		4 5	6	7	8	9	10	11	12	13	14 15	16	1	18	19	20	21	22	23	24	25	26	27	28		30	31
RESGEVILLE 3 W	4.34				03 1.10	.28	.02	-18	.05 .51	.40	ī	. 58	T		т	• 32		7		.02	•04	.02	•05 •01	-07	.29	-10		.04		.29 . I.60 .
AREVILLE I NNE ANCASTER ZNE PUMP STA	5.25		т		05 1.64	.49	•05		.19	· 17	·	.55			'			,		• 04 7	•04	'		T •06	•21 •39	.11 .25	Т	•14 •28		1.40 .
INDISVILLE 2 NW	3.87				10 2.10				.30	.12												т		*00	•13			.06		1.02 .
WRENCEVILLE 2 S BANON 4 WNW HIGHTON	3.67 3.52 4.79				03 1.95	•47	•02		•28 •12	•12	T										• 02	.16	-07	•01	•20 •05	* 0 3'	T	.20 .05	. 05	.22 .
ROY	2.68				03 1.35	•23	•02		.75	•51 •04	• 05		•05			•02				.02		.03	·13		.07	T +18		.03		1.70 .
WIS RUN 3 SE	3.13				04 .11				•23	•05 •11	.07	.57				• 40				• 0 4 T	•05	•03	•14 •01	.08	1.17	• I l	T	.04 .02		.28 .
NG PONO 2 W	3.86			١,	2.44	•07 •29	.03		.34	•17 •25	• 04	.02								Ť	•03	. 0 2 T	.01	T	.07	.04 T		.05		.49 . 1.40 .
NCM DERA	1.99		•02		15 .30	•15			•13	.08	+ 80 T	•11	•15			.57				-02		. 15	• 0 3	-12	.60	• 37		•19		. 34 .
MAFFEY PLE GLEN	2.82				21 1.06	T •05	Т	T	.14	.05 .13	Ť	• 1 1			• 0	.02				.07 .04	*03 T	.02	•05-	*07 T	•16	.05 T		.08		.37 .
PLETON DEPOT	2.30				02 •74	T		•01	•13	.03 .10										T	01.	.02 T	•06	•06 •02	.26 .23	Ť	T	.03	.14	.15 . .88 .
RION CENTER 2 SE	3.37				48 .89	•02		-13	.06	•05			.03		.05	5 .26				.11	. O I	.03	+10	-11	.48	.05		.15		
RTINSBURG FAA AP TAMORAS CONNELLSBURG	1.87 3.77 2.34		• (	T	.52 .03 .84	- 40	.04	•10	•06	• 06		.60	-10	Т						• 05	Т	T	•04	.02	T	T . 29	.07	•04		.36 . T .
KEESPORT	1.66	.02	۰۱		03 .30			•03 •21	•68	.04 .01				Т		+14				.02	T			T	.06			T • 08		.86 ·
ADVILLE 1 S DIX RUN	3.67			1	20 •66	•50 •21	т	•06	.12 .15	.03 .07	.07 .52		T • 02		.0					.15	•01	.38	.44 .18	.07	•39 •21	•18: •16	т	•23 •14		.20 .
RCER 2 NNE RCERSBURG	2.30				10 •12 34 •74	•48		.35 .14	•10 •07	Т						1.03				-	-	-	- T	-	.06	***		*14		.31 . .40 .
YERSOALE LANVILLE	3.19	1		T	.63 10 1.27	•18	т	•43	•23	•07		1.55			T	• 03				.03		T	.15	T	-19			.10		.95 .
LLMEIM LLVILLE 2 SW	3.23			T		T .01	T •04		.14	•10	T	1.55 .09	•02							T	• 02 T	T	-03 -12	T	.20	*14 T		.16 .11		.52 .
LROY NTGOMERY LOCK AND DAM	3.41				03 2.14	•02	704	•18	•26 •04 •07	•06 •03 T	.03	T	•06			-18				.02 .03	T	.02 .01	.04 .06	.04 T	•24 •20 •20	T 02		.06 .06		.73 .
NTROSE RGANTOWN	6.91				18 2.48	•45	.31	•01	.15	. 35	Т	1.38	• 06			•06				T	Т		+04	.09	•09	.21		.15		.20 .
GRETNA 2 SE ERSTOWN	3.14 4.28 2.90			1.	63 •20 97 •12 1•34	+12			•85 •58	.10												•03		.09 .10	-11		. O2	.11		.25 ·
TRONA LOCK 4	2.21			1 .	04 .79	1		•10	•12	.01						•53				.02	T	.01	•03	.03	.05 .28	.18		.10	1	.22 .
SMAMINY FALLS W CASTLE 1 N	1.97				19 •13 06 •33 1	.02 1.03	т	•25	.89 .04	•06 T			•04			-40				T •02		•04 •02	•06	•01 •02	.44	·13	Т	T •02	•11	.08 .
WELL W PARK WPORT	2.32			1.	55 •05 20 •24			•25 •08	.07							.05				.20		***	Ť	.07	T			. 40		.75 .
w STANTON	2.62		т		16 3.70 78 .08	•02		•30	•15	.01		T									•03 T	T		•02	•05	Τ ,		.03		1.10 .
W TRIPOLI RRISTOWN	4.27				36 1.20 19 .02	•02		T	.54	.34						.14			•10	.05	'	.05 .03	•11 T •13	.18	.08 .24	Т	* 4 4 T	.02	.08	.70 .
RTH EAST 2 SE WELL 2 NW	4.20			Ţ	.39 33 1.43	T •02	•03	•02	·23	.07 .20	•54 •04	T 1.02			•03	•77				. 30		.42	•43	.12		•22 •12		.21	7	.10 . .42 .
LM LMERTON	2.73				•77 64 •44	•10		• 05	•22	•32	т											.05	.08		•12			.15		.92 .
RKER JPACK 2 WNW	1.14				01 .28	•03 •87	.06	•09	T .18	.07 T	'	•50	T • 01		т	• 34				.04 T	-01	.03 .04	•01 •04	T 01	•12 •03 •27	T •12	+04	.02		•09 •
IL DREXEL INST OF TEC	1.62				28 •05	Т		Т	.74	•05						T				T	•01	.01		.03	.29	.12	Т	•14	+14	.02 .
LADELPHIA PT BREEZE LIPSBURG FAA AP	.95 .99		T		25 .04	T	1.	T	•23	•02						Т				T		.02		+04 +01	.25 .27		Т	.02	•10 •13	.01 .
DENIXVILLE 1 E	1.10				21 •02	T •07	•16		•01 •20 •14	1 •16 •50	.14	'								•01	•01	.03	T	•21 •02 •05	•04 •11 •13	.06	•02	.07	.30	.05 ·
TSBURGH W8 AP 2 //R			.0		67 +20		т	•25	.11			т			•26					.11	Т	.04	.01	•17	.02	*00	.08	*01	.15	T .
TTSBURGH WB CITY R EASANT MOUNT 1 W RT CLINTON	1.64 5.92 6.83		• 0	T		.45	•05	•23		.30		• 02 • 80			•30	т			T	.22	•02	.05	T • 0 4	.20	T •08	-11	• 02	-16	.20	1.70
TTSVILLE	4.98				02 1.74 35 2.10	.08	.07		•50 •28	.62	T 01	•02								.01	•06 •02	•02		•05	*17 I	.18		.10		2.03 .
NEYVILLE 2 SE OAM	2.43	Т		•1	.51	.08	т	•17	.12	.03 .39						• 28 T				.05	.01	•02 T	•06 •05	•09	•46 •19	,		.06 .13		•32 • •67 •
MOND 101NG W8 C1TY R 10V0	2.73 3.32 2.91		т	1.0	07 .13	•65	•02	T	•65	.07	*25 T					•13				+01		.08 .01	+07	.25 .04	•25	.17	т	.09 .16 1		-10 -
,	3.11				13 1.55	•05	т		•06	•05	• 08	•13	•05		• 05	.40				0.4	•01	•04	•03	•01	•26	•01				•40 •
ES LANDING L 6	3.49			• 0	7 .59 0 .29	•03 •06	.03	•20 T	.02	.03	•53	.29	+01			•06				•04 •14 •02	T	+14 T	.45 .10	.15 .34 .02	•37 •17 •36	.11		.08 .32 .24		.32 · .77 ·
SELL	5.12 3.28			•0		•07			.08	.25		1.05	•22		. 05	•03					• 22		•04 •05	.08	+04	·11		. 20		.80 .
AMORE 1 S	2.78		т	1.1		-01	•02	T .25	•25 •07	•15		•04				-10				.10			• 70	+10	-10	т		.15		.28 .
TON ENLEY LOCK 5	1.78			• 0	3 •38		*02	.06	.04	.01		.04	т			•12				.31 .07	T	•07 T	•05 T		•26 •11	Ţ	T	. 20		.82 .
CANTON WE AIRPORT	4.40				1.60		•05		•12		.01	•52								.09		.02	*03	+02		•20		.20	1	.12 .
MOKIN PPENSBURG	5.46 4.17 3.54			. 2	1 1.92 5 .40	T			.39 .28 .15	•06 •20	•20	.08				T				• 0 6 T		.02	T	T • 0 7	.15	T • 0 4	+05	T 1	1	·20 ·
INEMAMONING ERVILLE	2.58			•0	7 •53		Υ			•08	•17 •25	+20 T	• 07		+18	•22				T +04	Т	.04 .18	·11	T T • 08	•15 •35	.01	Ť	.17		.35 .
PPERY ROCK ERSET FAIRVIEW ST	2 + 00			-0	5 .59	•24		•25	.03				.01			. 33				T		***	•03	*00		.03		• 02		.22 .
TH MOUNTAIN	3.23 2.93 5.30			- 1	9 .70 6 1.05	• 04		•06	• 49	•13			•13							.10	.05		-21	•03	.40 .08	•02		• 24 • 03	1	.94 .
TE COLLEGE	3.15			•0	1 2.08	.02		•03	•13 •17	•01	.09		T			T				- 04	Т	•03	.10	Т	•12 •10	Т		•02 •04		.46
YSTOWN AUSSTOWN OUOSBURG	2.76			-0	5 •73 2 1•95	•02			•17	•21 •22			.07			.01				.02	.05	.01	.01	*	• 21	•24 •02		•24 •08		.90 .
MP CREEK BURY	4.68 2.13 4.04			. 4	7 .83 7 .21 4 2.20					.03	.23	• 41				.17				.02		.04	-09	T T	.35 .28	T •02	T T	.10 1	. 25	•50 • •30 •
OUEHANNA	7.89				5 1.96		•11				T T	3.38	.20			Т				T T	• 03			T	•06	T .		•05		.13 .
AQUA 4 N DAM	5 • 1 8 4 • 36			T .0	2.23	·07	.17		.70	•49 •65		3.50	***							.03			-12	•07	-12			•23 •14 •38	1	.98 . .38 .
NESTA 2 SE DAM USVILLE WATER WORKS	3.68 3.87	Т	•02	T		•03		•02	.06		•47 •58	•06	.04 T	T		• 62 • 96				T .05		.07		T •05	.27	-14	.19	•36	-21	.39 ·
YHANNA PEOO 4 W	5 • 80 4 • 90			1.5			.05			•29 •07	•65	•60	.29			T 75				•03		т	.08	T	.24	.08		.06	.54 1	•01 •
ANDA 1 ESE TOWER CITY 2 E	3.67			•1	8 1.76 2 1.97	•09	.14		.06	•30 •17		•11 •02	7			•75 •04				. 07 T	.06	•28	.39	•20 •02	• 05	.07		•29 •19		.28 .
Y TLEPOINT 4 NE	2.91	•01		•0	8 1.50	•06	• 04	Т	.10	•06	•01	T	•06			•04					*00		• 0 4		•25	.24		.33		•17 • •38 •
ONE 4 NE BALO EAGLE ON CITY FILT PLANT	1.39	т		. 3 T	•26	• 20	• 02		.04	.01	• 40	•02	T			• 26					Т	.02	-13	.11	.20	.12 T		.08 .05		.09 ·
ONTOWN OERGRIFT	2.76		• 0 3	• 0		•02		.18	.05	•01	. 71	. 32 T	.09		•04	•64 •05 •42				.09		•03	.04	•29 •06	.47	.65	·01	• 37	.84	.12 .
GINVILLE REN	1.89							. 38	.15																•40			•11 •09 1		.22 . T .
SONTOWN	4.40			T 2 • 8	•65 4 •33	•05 •03			• 05 • 25	•02 •02	•35	.24	• 04	т	•10	+82				•05 T		.18	•34	•37 •14	*43 T	•45		T		.26 .

Continued October 19															196																	
Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 1 E WELLSBORG 3 S WEST CHESTER WEST GROVE 1 SE WEST HICKORY	3.07 3.34 1.31 1.83 3.30				•35	.23 1.95 .40 .45	•14	•04	•63 •02	.06 .11 .28	•19 •08 •30 •40	•12 •45	•01	Т			Т	•03 •02				•22	T +01	T .12	•11 •05 •04	T •04	·15	7 •14 •03 •14	Т	•31 •15 T •08 •25	T	• 6 • 3 • 2 • 3 • 3
WHITESBURG WILKES BARRE WILLIAMSBURG WILLIAMSPORT WB AP WOLFSBURG	4.90 1.66 5.31 2.12				•13 •02 3•70 •11	•23	•14 •02 •10		.01 .04 .08	.09 .18 .11 .11	1 •32 •03	•03	·03				т	•27 T			т	+18 T +05 T	T •01 •01	.03	T T •09 T	T •10 •02	.27 .08 .15 .14	-12 T	-11	- •03 •02 •03	• 56	.91 .81 .11
YORK 3 SSW PUMP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	5.32 4.43 5.12 2.58			T	•15	1.61 2.88 2.60 .78			•03	•15 •24 •57 •24	• 35											T	T T	•02	T	Ť	•15 •11		•02	•01 •03 •35 •05	•15	.84 .91 1.1( .9(

Ch. N															1	Day (	Of Mo	onth															rage rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
LLENTOWN WB AP	MAX	73 40	75 42	72	65 58	64 58	70 57	67 54	65 46	64 55	71 53	77 52	80 54	67 44	69 38	68 46	76 55	70 48	65 38	69 35	72 37	70 45	62 36	60 42	51 32	46 26	38 32	49 31	66 34	54 29	44 25	47 43	64.1 42.9
LLENTOWN GAS CO	MAX	69 42	74 41	75 43	74 46	65 57	64 56	73 56	68 45	66 48	65 51	72 50	78 53	8 3 4 9	67 37	71 38	69 48	78 56	68 38	66 35	72 36	75 38	70 36	65 37	61 38	52 30	47 28	39 30	50 31	67 40	47 25	45 32	65.6 41.6
LTOONA HURSESHOE CURVE	MAX MIN	71 39	73 41	67 46	60 58	71 58	67 52	70 49	69 49	63 57	69 54	81 48	76 68	72 39	73 38	77 50	83 59	71 48	64 35	71 40	73 41	67	62 37	55 36	32	39 25	34 25	44 26	65 29	56 36	38 2 <b>7</b>	48 36	63.5
RENOTSVILLE	MAX	69 41	76 45	75 45	68 47	64 59	73 45	72 52	72 50	70 54	69 52	72 48	85 51	84 50	71 43	74 48	72 52	82 54	70 38	64 38	69 38	75 40	72 35	66 37	62 34	51 26	45 28	41 31	49 28	69 35	51 29	42 36	66.9 42.2
USTINBURG 2 W	MAX	62 31	70 35	72 40	70 44	62 56	67 55	62 51	60 40	60 45	60 50	67 48	78 57	72 38	62 33	70 36	78 44	80 44	60 29	62 32	69 36	71 40	52 29	58 39	50 28	40 24	44 25	33 26	43 27	58 29	42 28	45 35	60.6 37.9
AKERSTOWN 3 WNW	MAX	70 36	73 49	72 54	65 58	72 58	70 53	71 50	69 55	70 55	72 46	81 46	80 58	73 41	76 40	81 54	80 59	80 55	65 33	69 35	69 39	67 50	57 31	57 40	48 30	42 26	40 23	41 22	62 32	62 30	48 29	52 33	65 • 6 42 • 6
EAR CREEK DAM	MAX	62 32	67 34	71 37	69 41	60 55	62 53	65 51	59 44	62 48	61 50	67 45	74 49	75 44	59 30	69 36	65 44	73 53	63 28	59 29	66 31	69 36	60 28	56 35	51 31	45 17	38 23	31 23	40 26	59 33	40 20	40 34	59.3 36.8
ELLEFONTE 4 S	MAX MIN	67 33	72 34	72 38	78 45	71 53	68 50	69 51	70 40	60 46	61 50	71 47	80 50	76 38	70 34	73 39	76 46	80 52	66 34	65 35	75 35	71 39	62 36	60 38	55 31	46 28	43 29	34 24	46 26	65 29	50 34	42 36	64.3 38.7
ERWICK	MAX	70 39	74 41	75 44	71 56	64 57	72 58	72 58	72 42	71 55	73 55	78 51	78 54	72 42	70 38	72 41	79 58	79 58	79 34	70 33	70 36	65 44	61 35	58 40	48 31	38 25	37 32	46 28	63 28	52 29	42 28	45 36	65 • 0 42 • 1
ETHLEHEM LEHIGH UNIV	MAX	72 53	72 49	68 50	64 61	62 59	67 58	66 58	65 54	64 55	68 52	72 56	74 60	74 56	67 48	67 53	72 47	68 60	60 45	61 41	62 42	63 48	53 41	54 49	53 41	43 33	34 31	38 31	56 34	56 44	44 33		61.3 48.1
LAIRSVILLE 6 ENE	MAX	68 44	67 50	65 55	60 56	66 56	61 48	67 47	66 54	57 52	67 50	75 54	69 62	66 44	73 48	80 58	79 62	68 43	61 38	67 42	70 45	55 48	54 35	47 35	38 29	38 29	29 23	37 27	57 37	53 32	44 33	4 4 3 6	59 • 6 44 • 3
LOSERVILLE 1 N	MAX MIN	69 44	74 42	74 49	67 54	65 58	73 52	71 52	72 52	64 54	68 53	72 53	85 55	83 48	70 44	71 48	69 55	80 57	70 40	65 39	69 40	71 44	69 39	68 38	60 34	50 27	41 30	38 30	50 32	68 40	49 34	42 34	65.7 44.2
RAOFORO FAA AIRPORT	MAX M1N	68 35	71 35	67 48	65 56	65 53	59 53	62 43	53 39	57 50	63 48	75 49	67 45	66 33	71 34	76 45	75 54	56 38	58 30	66 40	65 40	58 35	55 30	49 30	35 25	33 28	30 25	36 27	50 32	44 29	41 34	42 35	57.4 38.6
RAOFORD 4 W RES	MAX M1N	69 32	72 32	70 40	66 55	66 54	61 52	65 50	62 40	57 49	65 48	76 45	75 58	65 30	73 28	78 40	78 51	75 36	60 27	68 30	67 35	64 36	57 27	56 37	41 24	37 26	33 25	39 27	51 25	48 27	43 27	42 33	60.6 37.0
URGETTSTOWN 2 W	MAX MIN	65 32	70 33	75 45	65 51	70 52	68 46	70 41	70 42	72 56	64 42	72 43	80 48	77 38	71 36	78 45	82 52	81 40	63 30	65 30	70 31	70 37	58 29	60 29	52 31	45 31	42 26	35 21	48 21	63 38	49 25	48 29	64.5 37.1
URNT CABINS 2 NE	MAX M1N	71 36	72 43	72 45	65 58	74 59	74 46	70 46	71 47	67 53	71 55	84 46	84 57	81 43	74 38	76 49	80 55	80 56	67 32	70 32	72 33	74 57	63 33	63 48	56 29	44 23	36 30	48 28	71 27			56 25	68.4 42.9
UTLER	MAX	67 33	72 33	74 43	67 49	66 57	71 48		72 44	71 55	65 43	72 45	81 52	75 37		79 35	83 50	81 40	63 32	65 32	71 33	71	31	61 31	50 33	41 31	41 25	37 25	25	61	48 28	48 36	64.9 38.0
ANTON 1 NW	MAX M1N	64 38	67 40	70 40	69 45	59 55	60 50	64 50	60 41	58 42	60 50	66 50	77 50	74 40	60 37	67 40	70 45	72 45	60 34	60 35	65 40	70 43	58 32	57 30	54 28	43	37 20	32 25	39 28	53 30	40 28	3 8 3 2	58.8 38.3
ARLISLE	MAX	72 38	76 41	69 46	65 57	73 58	72 53	72 52	66 48	70 52	73 53	86 50	84 51	77 47	71 42	71 50	80 54	73 58	67 36	70 34	73 36	70 53	65 38	62 44	54 33	43 26	41 32	50 30	70 29	65 38	40 26	50 37	66.8
HAMBERSBURG 1 ESE	MAX M1N	74 38	75 44	68 44	63 58	75 56	72 45	73 51	70 49	67 54	72 53	84 46	84 55	74	74 41	72 49	81 53	70 55	65 34	70 34	71 35	69 51	64	59 44	50 31	45 25	39 31	49	70 29	65 30	40 26	50 31	66.3
LARION 3 SW	MAX	74 36	72 40	69 46	64 58	70 56	69 47	70 42	65 48	64 53	70 50	81 45	76 53	70 36	76 34	82 46	81 53	76 39	64 32	70 33	70 36	67 50	60 31	56 37	43	41 25	37 26	43	60 27	62 31	48 27	46	64.4
LAYSVILLE 3 W	MAX	75 34	78 42	69 48	71 57	73 46	72 46	70 42	75 55	67 57	74 42	8 <i>2</i> 43	81 52	74 41	78 38	84 53	83 56	74 41	67 30	72 32	71 34	66 51	60 28	58 42	47 32	41	35 26	47	66 39	56 31	57 26	51 30	66.9 40.0
LERMONT 4 NW	MAX MIN	64	68	64	58 50	68 52	62 52	62 50	58 38	62 50	64	74 50	74 54	70 28	74 27	76 35	78 58	74 38	59 27	66 29	64	60 50	56 28	52 38	46 27	38	42 26	48 26	46 38	44 26	42 30	44 34	59.9 37.5
OATESVILLE 1 SW	MAX M1N	70 38	77 40	77 43	75 45	68 60	70 59	72 56	71 45	68 47	72 55	74 49	82 51	86 51	69 38	71 39	74 48	80	72 35	65 34	70 34	73 36	73 33	65 35	64 37	52 26	48 27	41 30	53 30	64 34	64 24	54 36	68.2 41.1
ONFLUENCE 1 SW DAM	MAX M1N	68 37	75 39	73 44	67 50	64 56	69 49	68 47	67 48	75 57	61 54	70 42	80 43	79 46	77 38	78 37	83 52	80 50	62 35	63	73 34	73 36	60 36	59 37	51 34	41	39 25	31 22	52 24	66 39	48 27	44	64.4
ONNEAUTVILLE	MAX M1N	67 38	74 39	78 51	69 50	72 55	71 54	69 43	70 47	64 51	59 47	69 47	84 57	74 33	67 35	79 47	84 55	81 36	60 33	61 39	73 46	70 48	55 35	61 41	50 32	42 25	43 26	33 27	48	61 28	49 30	45 34	63.9
ORRY	MAX M1N	70 38	76 35	68 53	67 57	65 58	69 54	70 49	57 41	58 53	70 52	80 49	76 60	67 35	77 35	81	80 62		65 31		68 43	5 9 4 5	58 30	54 36	43	38 27		38 28					62.1
OUDERSPORT 3 NW	MAX	68 29	70 30	66 40	60 53		62 52	63 49	54 48	57 48	66 48	74 45	69 55		70 28				60 24					50 35	37 21		31 25		53 25				58.5 36.1
EVAULT 1 W	MAX M1N	73 48	75 44	75 45	67 44		71 43	68 43		68 52	72 51	81 51		64 47	69 41	71 46		71 47	65 41	66 39	74 40	72 40	64 40	63 41	53 33		48 27	50 28	64 30		53 28		65.8 41.5
IXON	MAX	67 37	67 37	72 39	73 39	72 53	70 53	63 54	59 48	64	63 54	68 48	76 49		65 33		70 43	77 52	64 33		70 32	71 34		58 32	56 33			36 28	46 28				62.3 38.4
ONEGAL	MAX	74 31	75 44	69 55	65 57	70 50	65 45	68 41	73 54	61 54	69 46	80 47	76 60	73 43	78 36	78 56	83 51	71 41	61 28	70 30		66 46		58 34				41 27		49 25			63·8 39·6
ONORA	MAX M1N	73 40	77 48	73 55	67 59	72 55	70 50	70 50	74 59	71 57	75 47	82 52	80 61	76 46	78 42		83 63								48								68.0 44.7
U BOIS FAA AIRPORT	MAX	70 39	69 43	68	60 57	68 54	65 50	66 46	57 46	59 51		77 49	69 50	69 39	76 40	80 51		59 40			69 40	61 41	57 35	52 32	38	35 26	30 24	37 26	56 35	49 32	46 27	43	60.0
U 801S 7 E	MAX	68 34	67 36	65 49		67 57	66 50	65 43	65 42	60 53		76 45	76 53		74 33		79 50	75 44	60 31	67 32	70 34	65 40	56 29	55 37	42 29	37 26	35 25	42	58	57 33	43 25	45	61.6
AGLES MERE	MAX	58 40	63	66 47	66 46		60 54	59 50	59 44	57	57 49	64 49	71 49	74 40	58 40	64	65	70 51	60 37	59 37	64			58	52	41	33	35		53	38	39	56.9 39.8
AST BRADY	MAX MIN	72 36	78 41		65 57	75 56	75 47	75 43	70 49	69 55	74 46	8 5 4 5	82 54	75 40	75 36		84 54		67	72	74	68 52	63	60	50 33	44	42	46	68	62	50	51	68.1
8ENS8URG	MAX	69			60	68	67 46	65	68	62		76		69		78	79	70		67	71	63	55	54	55	37	33	40	60	55	42	45	61.6
MPORIUM 1 N	MAX MIN		65	71	68	60 55	66	65	65	53		68		70	65	72		79	60	61	67	68	56	57	48	40	38	31	38	59	43	41	59.7 35.5
NGLISH CENTER	MAX	60	70	73	72	61	67	67	67	55	60	71	80	76	66	72	74	78	66	64	72	73	63	62	56	49	41	35		60	47	41	63.3
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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
EPHRATA	MAX	72 41	73 45	72 49	66 59	69 58	72 57	69 53	65 46	68 54	71 52		83 59	68 47	69 41	71 49	78 57	71 60	62 39	69 37	69 39	71 54	63 39	61 49	53 34	49 26	41 31	50 29	66 37	57	49	46 38	65.3
ERIE W8 AIRPORT	MAX	68 46	74 46	70 59	71 60	64 59	64 53	65 51	60 51	60 57	65 54	77 54	72 54	58	71 45	82 54	82 56	58 44	64 42	69 48	71 56	58 43	60 41	54 40	43	42 31	42	44	62 42	43 36	47 38	46 41	61.5
EVERETT 1 SW	MAX	62 34	68 40	76 43	66 44	62 59	74 47	74 46	74 52	68 54	67 57	70 45	84 48	84	78 43	74 46	77 50	83 53	65 32	68 32	74 34	76 39	64	68 37	56 31	38 29	39 26	38	46 28	70 35	59 33	43	66.0
FARRELL SHARON	MAX	79 42	77 48	71 58	73 58	73 57	73 53	74 48	68 58	65 58	76 50	82 50	77 62	78 42	82 42	8 3 56	83 64	78 46	71 40	69 42	70 49	59 51	64	58 42	44	43	40 29	48 28	62 42	54 34	48 41	49	66.8
FORO CITY 4 S OAM	MAX	67 37	73 38	74 44	68 45	65 57	72 48	69 47	71 45	71 51	65 46	72 45	81 52	74 41	70 37	78 37	83 48	81 44	62 33	64	70 32	71	67 34	60 32	53 34	44 27	43	33 27	49 27	62 33	49 27	50 32	64.9
FRANKLIN	MAX	73 39	74 41	69 49	65 53	73 58	70 52	72 45	72 49	64 55	72 53	8 4 46	76 60	70 40	76 37	8 4 4 8	82 56	79 42	67 33	71 41	71 36	63 50	62	56 37	44	41	40 27	44	61	51 32	47 29	46 27	65.1
FREELANO	MAX	67 47	71 50	69 47	65 55	59 55	64 53	63 50	62 44	60 52	67 50	76 57	73 62	68	69 42	65 46	69 49	61 50	59 37	68 48	69 43	61 51	63 30	54 45	49	36 26	36 27	40 27	63	58 32	39	41	60.1
GEORGE SCHOOL	MAX	66 45	74 43	7 4 44	69 52	69 60	69 59	68 55	67 45	66 48	66 48	70 48	77 52	84 47	69 40	69 46	70 52	77 56	72 36	66 35	69 35	62 38	74 42	68 38	55 35	52 25	41 28	42 29	64	63 24	53 28	56 34	65.8
GETTYS8URG	MAX	69 40	75 46	77 45	70 51	64 59	75 50	72 54	72 51	71 55	69 55	71 50	85 56	85 51	71 43	76 49	73 57	81	70 39	66 37	70 38	74	72 40	65 46	61	49	46 31	40 31	50 34	71 39	51	44	67.3
GRATERFORO 1 E	MAX MIN	69 38	73 37	74 43	72 44	68 54	65 57	70 54	68 46	65 44	67 52	71 49	78 49	83 50	65 38	69 37	70 47	78 56	71 37	63 33	68 33	72 35	71 35	63 35	62	52 28	46 25	40	5 0 2 9	65 36	48	50	65.4
GREENVILLE	MAX	76 39	76 43	70 53	71 55	73 57	71 54	76 44	70 52	66 57	73 44	83 48	77 63	73 37	79 39	8 2 5 2	82 60	78 39	67 35	73 37	69 45	62	62	60 38	43	42	34 26	45 28	61 37	50 28	45 30	46 37	65.6
HANOVER	MAX	70 44	76 44	78 47	72 50	66 60	74 53	73 51	73 52	72 52	73 52	73 51	85 54	85 52	70 45	75 55	76 54	82 60	71 39	65 39	71 39	74	74 39	66 39	64	52 29	48 30	39	57 30	70	54 31	47 37	68.5
HARRISBURG W8 AP	MAX MIN	73 42	74 47	71 48	65 60	73 57	73 56	72 53	66 49	71 56	73 55	85 55	85 58	68 47	70 44	71 51	81 58	71 50	65 38	68 38	72 40	71 49	64	64 45	52 33	45	40	51	71 32	61	42	50 38	66.4
HAWLEY	MAX MIN	59 36	71 35	74 35	7 <b>5</b> 39	58 54	60 54	60 54	58 48	69	57 49	69 45	76 48	82	63 33	70 36	69 41	80 54	67 31	64	72 30	76 33	63	62 30	61	51 19	42			62	47	40	64.0
HOLTWOOD	MAX	75 47	76 51	72 51	67 62	71 59	70 58	70 57	69 51	6 9 5 8	70 54	83 54	85 56	74 51	70 45	71 52	79 59	67 52	62 42	71 39	70 45	72 55	65 38	62 42	53	50 31	43	5 2 3 5	64	61	50 38	47	66.5
HUNTINGOON	MAX	69 39	72 39	73 43	68 45	63 58	75 50	70 46	72 47	64 47	5 9 5 3	72 46	83	81	69 37	73 37	77 49	83 54	67 34	65 32	70 32	74 35	70 34	63 34	55 31	45 28	45 27	39 33	53	70	50 27	39	65.4
INDIANA 3 SE	MAX	73 35	74 45	69 52	65 58	71 57	68 45	71 45	70 49	62 56	70 50	80 45	73 50	71 39	79 37	83	81	67 45	64 31	70 32	72 35	62	58 32	56 40	42	42 25	34 26	43	62	57 32	48 27	51 36	64.1
JAMESTOWN 2 NW	MAX	66 37	71 41	72 47	68 53	70 54	72 53	68	70 42	69 53	60 41	70 49	8 2 5 5	75 35	67 36	77	81 55	80 36	62	65 36	72 39	70 49	57 34	60 39	49	44	41 25	32 25	48 27	62	48	44	63.6
JOHNSTOWN	MAX	70 39	78 40	76 49	72 53	66 58	73 44	71 50	71 47	75 57	65 57	73 48	84 53	77 32	80 38	71	88 56	85 52	66 35	67 35	70 38	75 42	68	63 41	5 4 3 5	42	41 27	34 27	67	67	53 31	44	67.3
KANE 1 NNE	MAX	61 30	68	72 30	70 42	62 55	67 51	65 45	65 37	55 38	60 51	68 43	68	70 29	61 28	75 31	78 43	78 37	59 27	61	67 30	67 38	52 26	57 30	50 25	50	38 27	31 26	40	52	45 26	43	59.8
KEGG	MAX MIN	73 35	71 43	67 46	60 57	76 55	69 48	73 46	75 52	75 52	71 50	82 44	81 56	74	78 37	81 50	84 57	70 42	66	71 32	76 34	67 48	61 35	59 38	48 28	45	34 29	46 30	70 29	54 29	46 27	50 33	66+2
LANCASTER 2 NE PUMP STA	MAX	74 35	74 39	72 40	69 54	72 55	72 54	71 50	68 42	70 50	73 49	83 45	84 46	78 43	69 35	71 42	79 50	74 53	65	69 30	71 32	71 45	66 30	62 37	58 32	48	45 28	52 24	66 27	62	49	48 35	67 <b>.3</b> 39 <b>.</b> 2
LANOISVILLE 2 NW	MAX MIN	68 37	72 43	74	71 47	65 59	71 51	70 55	70 46	65 51	68 52	70 49	80 51	83 47	66 39	69	70 53	80 58	67	62	67 35	71 46	70 35	63 41	62	51	46 26	40	49	68	48 25	47 36	65.3
LAWRENCEVILLE 2 S	MAX	70 36	75 36	71 40	65 55	65 55	62 55	60 52	62 42	61 52	70 48	81 48	78 58	67 38	72 32	79 39	81 58	74 48	64 30	73 29	74 34	64	58 32	55 42	42	40	37 28	38 23	63 35	55 30	44	49	62.9
LEBANON 4 WNW	MAX	67	73 44	73 48	70 50	63 58	71 56	71 54	70 48	63 48	69 53	71 53	79 53	81 48	67 44	69 46	68 51	78 57	68	64	69	70	68	62 41	61 35	50 27	44 27	36 29	49	68 36	48 30	41	64.5
LEWISTOWN	MAX MIN	70 40	75 41	76 44	69 47	63	69 52	72 54	71 49	62 48	65 55	74 52	85 52	82	72 43	75 42	76 54	84 56	74 39	68 38	74 36	76°	68 39	66 39	5 9 3 8	48	45 30	38 33	50 35	63 28	53 29	3 9 3 3	66.5
LOCK HAVEN	MAX MIN		72 40		71 46				71 45	57 47	65 48	73 47	81	76 40			76 48																64.3
MAOERA	MAX MIN	61 32	65 32	68 34	67 49	60 56	67 47	65 42	65 42	65 43	62 50	66 43	75 47	73 37	75 40	72 35	78 43	79 49	60 28	60 28	67 28	70 30	57 28	57 27	50 28	39 25	39 26	31 25	38 25	62 33	44	43	60.6
MARCUS HOOK	MAX	78 52	76 55	75 54	72 62	70 63	75 62	72 57	67 54	70 60	72 56	77 58	84	74 56	70 50	73 54	80 60	73 58	68 50	70 48	72 48	78 56	64	64	55	5 O 3 5	42 36	52 34	66 42	61 38	60 36	51 46	68.1
MARION CENTER 2 SE	MAX	71 38	71 48	68 53	60 56						67 51	77 49	71 57	67 38	74 41	80		60 42				55	56 33	51 38	39	39 25	29 23	40	59 32	51 31	46 27	47 36	60.6
MARTINSBURG FAA AP	MAX	70 39	70 40	63 52	60 56	71 56	66 51	69 45	64 51	63	68 53	81 50	77 59	69	74 40	78 50	81 56	70 43	63 35	68	72 40	66 43	61	56 37	40	42	34 26	45 29	6 9 38	48	40 30	47 35	62.7
MEAOVILLE 1 S	MAX MIN				69 53				69 45		60 52	70 47	82 54	75 38	70 37	78 42	81 50	81 39	61	66 38	72 38	67 47	5 5 3 6	60	48	41	41	32 26	45 28	60 30	49	44	63.3
MERCER 2 NNE	MAX		73 46		68 57	71 57	69		70 50		71	81 45	75	71	77 35	82		78	65	71	70	66	55	50	40	43		43	62	59	45	48	65.4
MERCERS8URG	MAX MIN	70 40	73 44	75 46		62 58	75 49	73 51	74 50	68 54	65 53	72 46	83	86	72	73	73	82	70	67	70	72	70	66	63	51	49	41	52	73 36	55 26	42	67.3 41.5
MILLVILLE 2 SW	MAX MIN					61 56		67 53	66 43	57 43	59 51	70 49	79	76 43	65 35	67	69	75 56	60 35	62	68	69	63	60	56 32	46 23	38	34	45	60	45 25	40	61.4
MONTGOMERY LOCK AND DAM	MAX	71 40		71 55		72 57	71	73	72	66	73	81	79	75	78	83	82	80	66	72	71	66	62	60	46	44	37	47	63	62	50	50	66.7
MONTROSE	MAX MIN	62 37	65 38	70 43		56 52	58		51	60		62	71	75	55	62	69	74	59	57	66	68	56	55	51	42	35	33	40	55	38	40	57.1 38.1
MORGANTOWN	MAX	73 42		71 41	69	66 44		69 39	67	67 55	72	79	82	71	68	68	77	75	66	68	68	70	66	59	50	47	40	48	64	65	44	51	65.3
MT GRETNA 2 SE	MAX						73 52	71 50	63	70	71	81	83	67	69	70	80	78	79	69	71	70	64	64	64	45	46	50	69	58	44	46	66.6

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Station		1	2	3	4	S	6	7	В	9	10	11	12	13	14	_		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
NEW CASTLE 1 N	MAX	74 35	74	72 53	70 56	71	71	74	73 54	71	74 42	82	81 59	72 39	78 38	84	83	82	67	73 37	72 42	67	62	61	48	42 27	38	46 26	63	63	48 28	50	67.3
NEWELL	MAX MIN	72 40	79 47	83 53	68 59	68 54	71 48	73 46	71 59	76 57	68 47	78 47	84 53	82	76 40	82	82 50	85 50	67	69	76 37	75 54	57	63	54	46	44	39	58	68	52	46	68.1
NEWPORT	MAX	72 39	73 41	75 44	69	63	70 56	71 52	72 49	63	68	73 51	85 53	93	71 41	73	69	8 0 5 9	71 36	67 36	71 35	75 38	67 37	65 37	58	49	45	37	51 31	67 31	50 27	40	66.2
NEW STANTON	MAX	75 34	7.8 4.5	73 58	68	73 52	76 48	74 50	74 56	65 55	73 43	8 2 4 5	74 53	78 44	80 39	82 41	84	72 40	65 40	73 35	72 41	74 55	61	57 36	45	44	35	46	63	51	48	52	66.7
NORRISTOWN	MAX MIN	71 44	77 48	79 49	71 60	68 60	73 58	72 55	67 48	71 56	74 54	83 53	86 54	70 49	73 41	73	79 52	75 52	67	71 38	75 39	76 50	67 39	64	55 37	49	43	53	67	62	55	48	68.2
PALMERTON	MAX	73 39	72 39	72 45	62	63 58	68 57	65 54	64 45	62 55	70 51	79 49	81 55	65 43	67 34	67	74 57	69 46	64	62	71 36	68 42	62	60 42	49	44	36 32	48	64	48	42	46	62.5
PHIL DREXEL INST OF TEC	MAX M1N	74 50	75 53	74 54	72 62	69 61	74 60	70 58	68 53	70 58	74 58	81 54	87 61	71 57	72 50	75 54	77 58	74 59	69 48	70 44	74 45	76 56	67 45	64 51	56 42	48 35	42	52 32	67	59	60	58	68.4
PHILAOELPMIA W8 AP	MAX	74 44	74 49	73 50	71 62	69 62	73 60	71 50	67 47	69 56	73 56	79 50	85 55	69 44	70 41	73 47	76 53	74 50	66 40	69 39	71 42	75 52	64 39	64 45	54 <sup>1</sup>	47 25	43	51 32	67 40	59 31	61	52 47	67.2
PMILAOELPMIA PT BREEZE	MAX	74 52	77 58	74 56	71 62	68 62	72 61	70 60	70 54	70 58	71 56	78 58	84 60	70 58	71 53	75 56	76 61	72 62	66 54	70 50	74 52	75 57	66 48	65 50	53 42	47 38	42 34	51 34	66	60	61	53	67.5
PMILIPSBURG FAA AP	MAX MIN	69 29	66 34	61 48	59 56	65 51	64	63 41	64 49	60 52	65 45	75 45	71 49	65 37	72 36	72 49	76 59	61 34	60 30	66 30	67 32	64	55 37	52 33	40	35 24	29 25	40	60	45 23	37 31	44	58.5
PMOENIXVILLE 1 €	MAX, MIN	75 38	74 37	72 46	74 57	74 57	73 58	74 58	70 46	72 52	72 52	80 48	85 52	78 46	37		55	58	67 35	69 33	72 34	73 34	66 35	63 39	59 35	48 26	42 31	51 31	65 36	62 42	62 26	41	68.2
PITTS8URGH w8 AP 2	XAM	70 38	74 50	63 56	67 59	72 52	68 45	69 48	69 58	61 52	79 52	70 48	76 53	70 42	76 42	79 57	80 58	63 42	65 37	68 40	71 45	64	60 37	58 35	44	41	34 25	44	62 41	48 32	48 32	51	63.4
PITTSBURGH W8 CITY	MAX	73 43	77 52	68 56	68 61	72 57	70 52	71 53	73 61	64 58	74 53	82 55	78 57	72 50	78 46	83	83	65 49	67 43	72 45	71 46	67 48	61 42	60 39	47	43 32	37 30	45	64	50 38	50 36	53	65.7
PLEASANT MOUNT 1 W	MAX	62 32	64 34	70 35	70 38	63 53	58 52	67 49	57 47	61 47	54 48	64	70 48	75 40	54 31	62 37	67 37	73 51	56 29	57 30	66 30	69 35	58 34	54 34	55	45 16	35 16	35 24	39 24	56 30	38 21	40	57.9 35.5
PORT CLINTON	MAX M1N	68 34	75 36	74 39	72 42	64 55	65 52	71 50	71 38	63 42	66 48	74 46	80 45	81 40	69 30	69 32	68 41	76 53	70 29	65 27	69 29	71 32	70 29	65 30	62 32	52 20	45	4 0 28	54 28	64 20	65 26	45 28	65.9
PUTNEYVILLE 2 SE OAM	MAX	66 35	72 35	72 38	69 54	63 57	72 45	62 43	69 44	68 52	64 51	70 46	79 52	71 37	68 34	76 36	81 49	81 43	62 32	63 34	69 35	71 37	57 33	59 31	51 32	44 26	40 26	34 25	45 26	60 36	60 27	50 38	63.5
QUAKERTOWN 1 E	MAX	72 37	78 39	75 44	69 55	66 58	71 55	69 55	64 43	64 50	70 52	77 46	82 50	79 62	71 35	70 44	78 53	75 59	68 33	70 31	73 32	70 50	64	62 38	53°	49	43 32	48	65 35	58 40	44	47	65.9
READING W8 CITY	MAX	75 44	75 48	74 48	66 61	68 61	73 60	69 58	65 50	68 56	73 55	82 55	84 61	69 51	71 43	71 50	80 58	71 52	66 43	71 42	73 42	70 51	64	61 45	51 38	46 31	38 33	51 35	66 42	61 33	43	47	65.9
RENOVO	MAX	71 38	73 38	78 38	72 44	63 54	68 53	72 51	70 43	57 43	62 46	75 47	82 47	75 36	71 33	74 34	80 43	85 52	69 29	68 29	75 30	76 33	61 30	63 31	58 29	48 28	40	37 28	48 23	63 24	52 25	45 31	65.5
RIOGWAY	MAX	64 35	70 34	73 34	71 45	77 56	66 51	65 45	66 43	56 47	61 51	69 45	77 54	73 35	68 31	77 31	8 0 4 3	80 42	75 31	69 31	68 31	69 34	57 31	60 31	50	42	40	40	45 29	57 33	47 26		63.2
SALINA 3 W	MAX	73 34	74 46	70 52	64 58	71 58	67 46	71 45	70 52	67 56	70 46	80 47	77 57	71 39	77 35	82 51	81 57	76 56	63 32	68 34	70 37	66 51	59 35	57 38	43	42 26	34 25	44	62 36	60 34	49 27	5 0 3 7	64.8
SCRANTON	MAX	68 40	71 40	78 41	78 46	62 56	62 54	61 52	58 52	70 53	70 52	68 51	76 52	79 48	60 36	69	69 39	79 52	65 36	64 37	70 37	73 39	62	61 38	62 37	49	43 27	36 29	45 30	63 37	45 34	44	63.2
SCRANTON W8 AIRPORT	MAX	67 41	74 42	75 48	64 56	60 56	63 55	57 49	66 48	63 54	67 53	74 52	77 54	59 43	67 37	69	76 55	66 45	59 35	68 38	70 40	61 44	56 36	56 39	46 32	38 27	34 31	43	61 36	52 30	40 29	43	60.4
SMIPPENSBURG	MAX MIN	76 41	77 45	70 48	65 58	74 58	72 51	72 50	70 50	70 55	72 52	85 49	84 60	80 57	74 40	73 49	81 55	78 59	67 37	71 36	71 37	68 55	66 39	62 43	55 33	45 37	4 0 3 0	50 30	70 30	66 44	44	5 0 3 6	67.7
SLIPPERY ROCK	MAX	71 42	73 47	68 54	65 57	70 56	62 58	72 42	70 56	63 53	72 48	80 52	75 51	72 43	77 41	82 57	80 63	74 44	65 36	70 41	70 46	64 50	60 35	56 37	41 31	39 28	3 4 25	44	60 38	5 <i>2</i> 32	46 32		63.6
STATE COLLEGE	MAX	65 40	71 40	71 42	67 45	60 57	66 51	67 52	67 46	58 48	65 52	70 51	79 53	76 44	68 40	73 41	75 51	80 51	64 38	64 38	69 39	71 42	60 38	60 39	5 2 3 2	42 28	40 28	31	43	64 38	47 32		62.1
STOYSTOWN	MAX	64 44	70 35	68 47	65 53	64 54	68 46	64 45	68 46		57 51	66 46	78 51		71 40		80 54	79 47	60 32	60 33		71 38		57 34			39 22	28 19	50 19	64 35	48 28		61.5
STROUOSBURG	MAX MIN		75 35		62 49	62 55		65 47	68 41	60 52	70 47	78 46	80 53		70 30	68		68 43		70 28	74 32	69 39	65 30	60 35	50		35 29	46	64	46 24	38 19		62.7
SUNBURY	MAX MIN		73 40			64 57	74 57	72 55	71 41	61 41	62 51	75 51	83 50	81 40	69 36	70 38	72 47	79 59	72 34	63 35	72 37	73 39	67 33	64 34	58 32	49 25	46 26	36 33		65 34	50 24		65.5
TIONESTA 2 SE OAM	MAX	62 38	68 38	72 39	66 49	61 57	68 53	66 47	68 47	62 48	60 54	66 47	79 53	72 40	68 35	72 35	78 48	78 42	59 34	62 34	69 34	68 41	54 34	58 35	48 31		38 27			59 34	48 28		61.1
TITUSVILLE WATER WORKS	MAX	69 32	70 30	65 43		66 52	66 48	65 40	60 42	58 46	66 49	78 42	70 54	66 33	74 29	78 42	77 52	71 35	61	67 29		59 42	58 26		37		38 23	39		50 28	42 25		60.1 36.3
TO8 YHANNA	MAX	65 32	68 35	68 36	62 53	59 53	60 50	56 49	65 52	60 51	64 48	71 46	74 53	70 40	67 33	64 41	65 50	65 50	53 30		72 32	64 47	56 33	57 43	46	37 17		40		53 31	36 21		58.5 38.8
TOWANOA 1 ESE	MAX M1N	68 35	72 38	74 41	67 56	67 55	65 57	60 53	62 50	64 52	70 52	79 49	79 55	67 42	67 34	74 43	79 47	71 52	62		72 36	66 50	60 32	58 42	46	42	38 30			56 32	44	48 39	63.0 41.2
TOWER CITY 1 S	MAX. MIN	66 34	71 35	72 39	69 41	63 58	67 57	70 55	68 40	61 41	65 52	69 46	78 49	78 48	64 34	68	66 51	75 50	66 31	61 31	68 34		67 32	61 32	60	46	43		47	63	46	40	62.7
NIONTOWN	MAX	71 37	77 47	71 62		71 58	68	68 48	75 59	71 58	72 47	81 48	80 64	75 48		84 54		76 52	64 35		73 38		60 35				36 28			61	47 30	51 39	66.2 45.4
WARREN	MAX		75 37	71 48		67 56	67 55	68 51	58 45	60 53	61 51	80 49	72 58	63 38	75 34	82 47	81 62	65 43	64		69 40	60	60 33	52 33	41	40 31	34 28	42		49	45		61.4
WAYNESBURG 1 E	MAX		74 33	79 45		70 50	73 47		71 45	76 56	63 42	73 44	82	81 43		79 42	84 52	82 45	65 30		72 33	72 35	58 30	61 32	52 31	46 33	42 25				50	47	66•3 37•6
WELLSBORO 3 S	MAX	62 37	66 38	70 39			62		60 42	56 42	57 49	67 48	75 50	71 39	60 36	68 36			60		66 40		59 33	55 33	53	41			40 28				58.5
WEST CHESTER	MAX MIN		76 46	75 45		68 56	68 54		73 46		71 50	72 50	83 52	87		70	70 48	79 56	79 41	68 40	71 41		77 39	68 39	64		48	42	54			57	68.4
				1																													

																Day (	Of Mo	onth															rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
WILLIAMSPORT W8 AP	MAX	71 41	72 41	69 45	62 57	69 58	69 57	69 49		60 54	73 52	81 51	79 55	68 44	67 38	69 45	77 60	69 45	65 36		71 39	64 43	62 35	58 42	50 35		38 32		54 26		40 29		62.6 42.3
YORK 3 SSW PUMP STA	MAX	78 38	77 42	76 44	67 58	7 <b>4</b> 60	73 54	72 49		72 54		85 49	85 53				83 56	81 59			75 36	73 52					42 33				45 26		69.3 43.4

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numh	er of da	ys with	precip	itation			to
Station	Prevailing	percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 A EST	7,00 A EST	1:00 P EST	7,00 P EST	Trace	6010.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
ALLENTOWN W8 AIRPORT	WSW	10	7.9	28++	NW	7	84	88	57	71	5	7	2	1	1	0	16	-	6.0
ERIE W8 AIRPORT	s	17	13.2	31++	WSW	16	79	78	61	77	2	3	9	3	0	0	17		7.5
HARRISBURG W8 AIRPORT	WNW	21	7.1	26	NW	24	81	85	57	69	7	4	2	0	1	1	15	58	6.3
PHILADELPHIA W8 AIRPORT	N	10	7.6	28	N	29	78	79	51	69	5	6	4	0	0	0	15	56	6.0
PITTSBURGH W8 AIRPORT 2	wsw	13	7.8	28++	SW	28	79	82	55	65	3	5	7	1	0	0	16	51	6.6
READING W8 CITY	NW	-	8.5	38	W	24	-	-	-	-	4	6	2	1	2	0	15	51	5.9
SCRANTON W8 AIRPORT	SW	14	6.9	24	5	12	78	82	59	70	5	6	5	0	3	0	19	46	7.0
WILLIAMSPORT W8 AIRPORT	W	14	7.3	23++	S	16	85	88	58	70	6	6	7	1	0	1	21	-	7.2

											-								_					_								
Station						7	y					1	1			Day	of m	onth												- 7		-
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALLENTOWN WB AIRPORT	SNOWFALL SN ON GND																								Т	Т	. 2 T					
AUSTINBURG 2 W	SNOWFALL SN ON GND																								Т		1.0	1.0				
BRADFORD FAA AIRPORT	SNOWFALL SN ON GND																							. 3 T	2.2 T	4.0	1.S 4	.6 S	3	T 1		
BRADFORD 4 W RES	SNOWFALL SN ON GND																								2.5	1.0	3.0	4.0	Т			
CANTON 1 NW	SNOWFALL SN ON GND																										2.2	3.0 S	2			
CARLISLE	SNOWFALL SN ON GND																								T							
CARROLLTOWN 2 SSE	SNOWFALL SN ON GND																								Т	T T	3.0	T 3	Т			
CORRY	SNOWFALL SN ON GND																								2.0 T	3.0 T	9.0	S.0 7	т			
DON EGAL	SNOWFALL SN ON GND																							T	Т	3.S 4	T					
DU BOIS FAA AIRPORT	SNOWFALL SN ON GND					1																		Т	. 2 T	1.6 T	.9 2	. 1 2	1			
DU BOIS 7 E	SNOWFALL SN ON GND																							T	T	Т	4.0	1.0				
ENGLISH CENTER	SNOWFALL SN ON GND																										2.0	T				
ERIE WB AIRPORT	SNOWFALL SN ON GND																							Т	. 9	1.8 T	.3 T	Т				
EVERETT 1 SW	SNOWFALL SN ON GND													1											Т		Т					
FORD CITY 4 S DAM	SNOWFALL SN ON GND																							,	8	. S	1.0	Т				
GALETON	SNOWFALL SN ON GND			Н																						Т	2.0	T 1	T			
GEORGE SCHOOL	SNOWFALL SN ON GND			Н																							1.5	. 2				
GREENSBORO LOCK 7	SNOWFALL SN ON GND																										Т					
HANOVER	SNOWFALL SN ON GND																										Т					
HARRISBURG WB AIRPORT	SNOWFALL SN ON GND																							T	Т							
HOLTWOOD	SNOWFALL SN ON GND					Į.						1																Т				
INDIANA 3 SE	SNOWFALL SN ON GND											Y.														. 1 T	1	1	Т			
KANE 1 NNE	SNOWFALL SN ON GND																								T	1.0	3.0	8	s			
LAWRENCEVILLE 2 8	SNOWFALL SN ON GND			Ь																					Т		2.0	T				
LEWISTOWN	SNOWFALL SN ON GND					ŀ																					T					
MARTINSBURG FAA AP	SNOWFALL SN ON GND		ľ																						.4	T		Т				
MEADVILLE 1 S	SNOWFALL SN ON GND									ľ															T .3	Т	3	2.S S	Т			
MEDIX RUN	SNOWFALL SN ON GND		1							1																T	2	3	T			
MONTROSE	SNOWFALL SN ON GND					1				r												1			.1	1	1.0 T	1.5	Т	T		
NEWPORT	SNOWFALL SN ON GND			Н								0													T	Т						
PHILADELPBIA WB AIRPORT	SNOWFALL SN ON GND											ı										ŀ					T					
PHILIPSBURG FAA AP	SNOWFALL SN ON GND																							Т	Т	2.0		Т		Т	T	
PITTSBURGH WB AP 2	SNOWFALL SN ON GND			И		f.																			T	1.6	Т	Т				
PLEASANT MOUNT 1 W	SNOWFALL SN ON GNE					}																			T	T	1	2				
READING WB CITY	SNOWFALL SN ON GNE			1																							Т					
SCRANTON WB AIRPORT	SNOWFALL SN ON GNE WTR EQUIV																								Т	Т	4.4 2 .2	T 2 . 2		T		
SHIPPENSBURG	SNOWFALL SN ON GNI		1	1																						Т	Т					
SLIPPERY ROCK	SNOWFALL SN ON GNI																										1.0					
									See re	efere	ace n	otes	follow	ving S	Statio	n Ind	ex.															

# SNOWFALL AND SNOW ON GROUND

PENNSYLVANIA OCTOBER 1962

																Day	oí m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
	SNOWFALL SN ON GND																									T	3.0	3.0	1			
	SNOWFALL SN ON GND																									ì	1.5	.5				
TOWER CITY 2 E	SNOWFALL SN ON GND																										T	. 5				
WAYNESBURG 1 E	SNOWFALL SN ON GND																										T	T T				
WILLIAMSBURG WB AIRPORT	SNOWFALL SN ON GND																								Т	Т	.3 T	Т				

# DAILY SOIL TEMPERATURES

Station																Day	of mo	nth															rage
And Depth		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELD RSCH LAB 8 INCHES	MAX MIN	59 55	59 56	60 58	61 60	62 61	62 60	62 60	61 59	60 59	60 59	62 59	63 62	62 59	59 57	62 58	64 62	64 60	60 58	59 57	58 57	58 57	57 56	56 52	52 49	49 48	48 46	46 46	48 45	48 47	47 47	47	57.3 55.4
LANDISVILLE 2 NW 2 INCHES	8 AM	63	54	55	58	60	59	58	57	58	58	57	58	59	45	56	58	60	54	52	51	55	52	53	50	46	46	42	44	49	44	46	53.5
STATE COLLEGE 2 2 INCHES	MAX MIN	64 50	65 52	63 54	61 59	65 59	65 58	62 57	60 55	62 57	63 57	65 57	65 59	63 55	61 53	64 58	66 60	63 56	59 51	59 51	60 52	58 54	57 50	55 51	50 46	47 44	45 41	45 40	50 41	50 44	46 43		58.3 51.8
4 INCHES	MAX MIN	62 51	63 53	62 55	61 59	64 59	63 58	61 57	60 56	61 57	62 57	64 58	64 60	62 56	60 54	63 57	65 60	63 57	58 53	58 52	59 53	58 55	56 51	54 52	50 48	48 45	46 43	45	50 42	50 46	46 44		57.6 52.7
8 INCHES	MAX	60 54	61 55	61 57	61 59	63 59	62 59	61 58	60 57	61 58	61 58	62 59	63 60	6 <b>3</b> 59	60 57	82 58	64 61	63 60	59 56	58 55	58 56	58 57	57 54	56 54	54 51	51 49	50 47	47 44	51 45	50 48	48 46		57.8 54.7
12 INCHES	MAX	58 56	59 57	60 58	60 59	61 59	61 60	61 59	61 58	60 59	60 59	61 58	61 60	62 59	61 58	60 59	62 60	62 61	61 58	58 57	58 57	58 58	58 56	57 56	56 53	53 51	52 50	50 48	51 47	50 50	50 48		57.8 56.0
16 INCHES	MAX	59 57	59 57	60 59	61 59	61 60	61 60	61 60	61 59	60 59	61 59	60 59	61 60	62 60	61 59	60 59	62 60	62 61	61 59	59 58	59 57	59 58	58 57	57 56	57 55	55 53	53 52	51 50	50 49	52 50	51 50		58.2 56.8

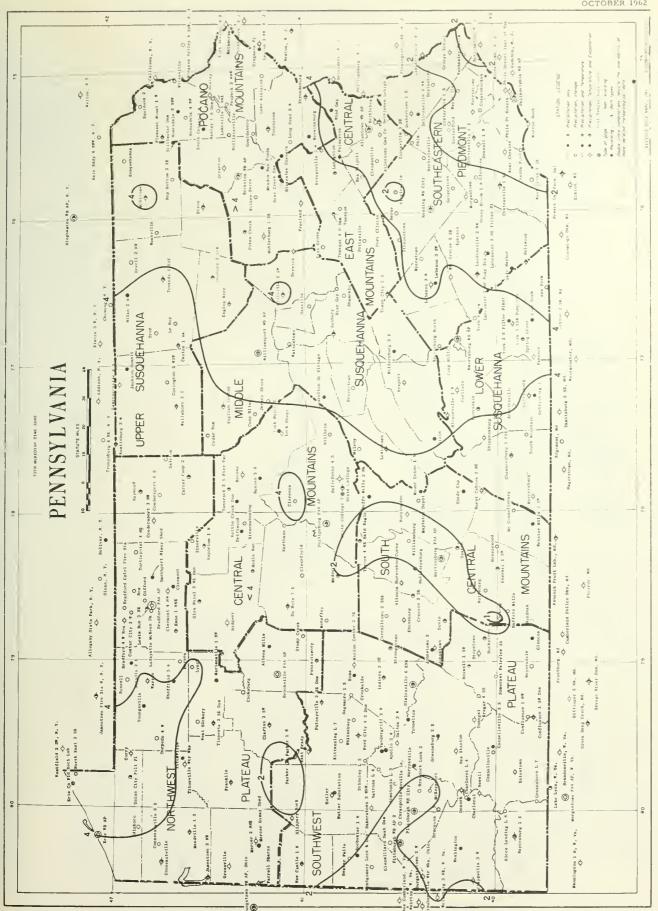
ERIE CO FIELO RSCH LAB - SLOPE OF GROUNO, FLAT. SOIL TYPE, LAKE TERRACE CLASSIFIEO AS CONOTTON GRAVELY LOAM. GROUND COVER, RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION, TAYLOR RECORDING THERMOMETER.

LANOISVILLE 2 NW - SLOPE OF GROUND, GENTLE SLOPE TO THE WEST. SOIL TYPE, DUFFIELD CLAY LOAM. GROUND COVER. PERMANENT 8LUE GRASS SOO WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2 - SLOPE OF GROUNO; GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE, HAGERSTOWN SILT LOAM. GROUND COVER; KENTUCKY BLUE GRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION; COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER.

# EVAPORATION AND WIND

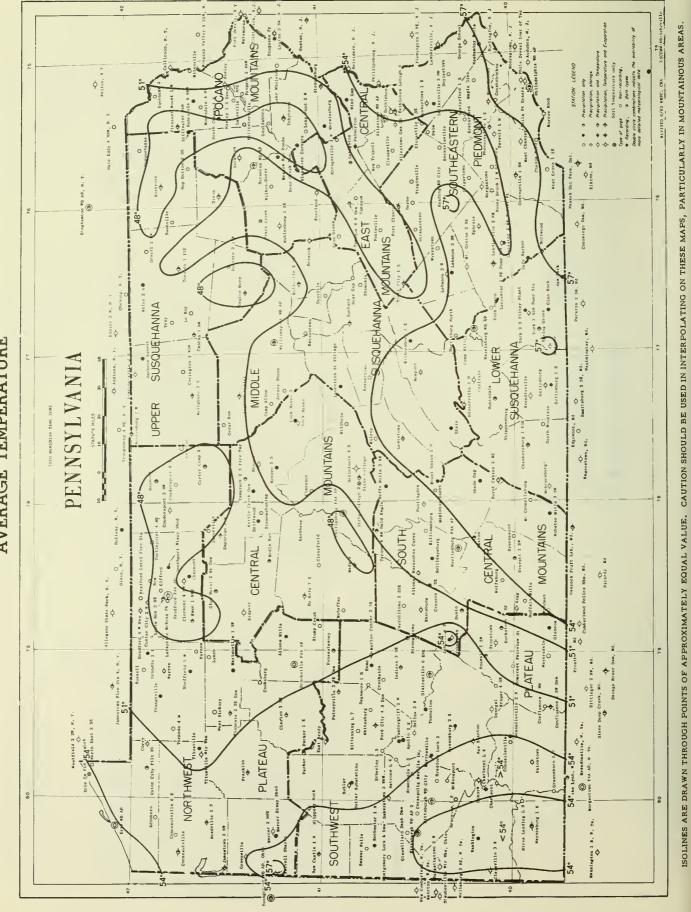
																I	Day of	mon	th														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	<b>2</b> 9	30	31	Total or Avg.
BEAR CREEK DAM	EVAP WINO MAX MIN	.12 47 62 40	.08 35 64 41	.12 36 69 42	.08 51 67 44	- 54 58 54	.00 30 61 54	.09 86 64 51	84 57	.04 29 58 46	.03 26 59 52		.09 55 67 48	.13 103 68 45	.15 62 59 38	.12 38 62 38	.07 62 60 46	.07 93 68 52	.18 73 65 38	.11 36 58 38	46 61	.10 44 63 39	.08 66 56 37	.07 71 55 38	.09 95 51 36	54 45 33	-		1111	1111	1111	1111	8 1769 49.1 34.9
8ELLEFONTE 4 S	EVAP		.07					.08	.14	.01	.01	.12 73	.25 148	.10	.06	.12	. 15	.18	.21	.07	.10	.09	.10	.09	.16 119	100	41	63	5	62	6	21	8 3.14 1684
CONFLUENCE 1 SW OAM	EVAP WINO	.11	.07	.11	.05	.00	.09	.09	.08	.11	.02	.12	. 15	.10	.12	.02	.11	.08	.11	.09	.08	.07	.04	.09 63	.06	.02	146	20	100	.06 102	.08	.00	8 2.36 1312
FORO CITY 4 S OAM	EVAP WINO							.06	.09	.04	.03	.08	.13	.11	.11	.05	.08	.18	.12	.07	.07	.05	.08	.11	.08	. 02 58	104	134	66	.09 97	.04	.01	8 2.39 1394
JAMESTOWN 2 NW	EVAP WIND	.09		.08		.04	.06					.05				.14		.21	-	-	-	-	-	-	-	-	_	-	-	-	-	_	-
KANE 1 NNE	EVAP WIND MAX MIN	.06 20 61 38	.06 7 65 42	* -	*	- 37 68 41		.05 20 63 52	17	.00 5 53 46	21 57		33 71	24 63	.08 11 62 41	.05 12 65 40	.06 15 70 50	1 * 1	- * -	- 85 56 39	.06 16 60 42	.05 27 57 41	.05 17 54 39	46 53	36 50		-			- - -	1111	1111	8 6.21
LANOISVILLE 2 NW	EVAP WIND MAX MIN	. 18 27 67 44	.11 14 79 44	.10 17 76 52	31	75 63 58	.20 48 80 59	.11 64 73 52	51 71	.17 16 65 51	.07 36 67 54	72	32 76	90 77	.23 34 43 70	.10 17 70 44	.02 40 68 50	.20 68 78 56	52 71	.07 37 65 38	67	.04 15 69 41	.06 50 66 38	36 65	88 60		72 - -	152 - -	60	- 84 - -	65 - -	27	- 1531 69.0 48.1



TOTAL PRECIPITATION

ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

# AVERAGE TEMPERATURE



STATION	INDEX NO.	COUNTY	DRAINAGE ;	LONGITUDE	VATION		E AND BLES	SPECIAL S	OBSERVER		STATION	INDEX NO.	COUNTY	DRAINAGE 1	LONGITUDE	NOLLA	DBSERV BMIT TAE	AND		OBSERVER
ACWETONIA LOCK * ALLENS MILLS ALLENSOM WE AR ALLENSOM WE AR ALTONA MONTESHOE CURVE APOLIO 2 W ARPATSVILLE AUSTINNING 2 W MARPESTOW * WW MARPE	0098 0106 0111 0194 0204 0229 0313	PALLEGMENY JEFFERSON LEMISM LEMISM RLAIR WESTMORELANO ADAMS TIOGA ALLEGHENY WARREN	1 40 92 1 41 12 9 80 39 9 40 36 6 40 90 T 40 35 15 39 55 15 42 00 1 40 39 1 41 40	79 49 78 55 75 26 75 28 78 29 79 36 77 18 77 32 79 59 79 02	254 1500 1060 710 1590	7A 11D MIO TA TA 6P 6P 8A 8A 7A 7A 3P 3P TA	c	HJ U	CORPS OF ENGINEERS CHARLES M. ALLEN JES WEATHER BUNEAU LEHIGM VALLET GAS OIV. ALTODAW ANTER BUR. LUGENE R. TOUNG PA. STATE COL. EAP.SIA. STOTO O. BACOR COMPS DE ENGINEERS	1	KEGG KETTLE CREEK OAM KITTANNING LOCK 7 RREGGEVILLE 3 W LAFAFTIFF NC KEAN PAPK LAKE MINISINE LAKEVILLE 1 RNE LANCASTER 2 NE PUMP STA LANCASTER 2 NE FILT PL LANCASTELE 2 NE	45A5 4611 4672 4106 4727 4133 4758 4163	WAYNE	6 39 59 16 41 22 1 40 49 9 40 54 1 41 48 5 41 13 5 A1 27 15 40 03 15 40 03	78 43 TT 56 T9 32 T5 34 T8 AO 75 03 75 16 76 1T T6 1T T6 26	270	VAR TA 7A 8A 6P 6P 8A 8A	C BA CG	CD CO CI MR MR H LA	TUNNPIKE COMM- INPS OF ENGINEER'S INPS OF ENGINEER'S ITT DF BETMLEMLM INACTIVE 12/59 IS- IRENE FUKEMAN IS- SLAUTS MEINERE INCASTER WATER BUN- INCASTER WATER BUN- INCASTER WATER BUN- INCASTER WATER BUN- INCASTER WATER BUN-
REAR (REEK DAM REAR GAR REAVER FALLS REAVERTOWN RECHTES VILE RELIFEDITE & S REAVE REAL REAL REAL REAL REAL REAL REAL REA	0457 0457 0452 0453 0550 0599 0611 0629	LUZERRE NORTHUMBLAND BEAVER SNYOER BERKS COLUMBIA NORTHAMPTON	9 41 07 15 40 50 2 40 46 15 40 45 14 40 22 76 40 51 14 40 31 15 41 04 9 40 37 9 40 36	75 44 76 30 80 19 77 10 75 38 77 41 76 00 16 15 75 23 75 23	325 570 2A0	3P TA 7A 7A 8A 8A TA	7A C	P P P P P P P P P P P P P P P P P P P	CORPS OF ENGINEERS OOARING CREEK WATER CO- OWARD OR KEMP 44RLIN R. ETTINGER PAUL W. FISHER OCCEVIEW PRISON FARN ELOTO W. TRUMP AMER. CAR * FNDRT. CO. LITT DF BETMLEHEN LEHIGM UNIVERSITY	1	LAHRELTON STATE VILLAGE LAWRENCEVILLE 2 S LERANDN 3 A MYN LERANDN 9 SW LERANDN 9 SW LERANDN 9 SW LERANDN 9 SW LERANDN 9 SW LERANDN 9 SW LERISTOWN LOCK MAVEN LOCK MAVEN 2	4873 4893 4896 4934 4972 4984 4992	UNION TIDGA LEBANON LEBANON CARBON BRAOFORD MC KEAR MIFFLIR CLINTON CLIRTON	15 40 54 15 41 59 15 40 21 15 A0 19 9 A0 50 15 41 41 1 41 50 6 40 35 16 41 08	77 13 77 07 76 29 76 28 75 A3 76 43 78 39 77 35 77 27	590 490 580 1040 1740	6P 6P 7A TA 7A 8A 1 8A 7A 7A 7A 7A	000	H HA LE TH GO LE RU H AM	L. DEPT. OF WELFARE LIRKT P. HUMLAND OOM MILLER OOMAS OONNACHE OOWAS OONNACHE LAMON W. BAUMAN USSELL LINEMAN EERICAN VISCOSE CO- DHR P. FREE JGM F. PAKKER
MLAIN MLAIRSVILLE 6 ENE MLARESLEF CORNERS MLOSERVILLE 1 N BRONDOCK LOCK 2 MRAPPORD FAA AIRPORT MRAPPORD FAA AIRPORT MRAPPORD AN REC	0136 0743 0763 0821 0861 0865 0867	PERRY INDIANA MONROE CUMBERLAND SOMERSET ALLEGHENY MC KEAN MC KEAN MC KEAN MC KEAN MC KEAN MC KEAN	15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 40 24 1 A1 48 1 41 57 6 40 00	T7 31 T9 09 75 36 7T 22 79 02 79 52 78 38 78 39 78 44 T8 14	1650 650 1810 125 2121 >	8A 8A TA TA 110 M10 8A 5P 5P M10	c	M E	PA. OEPT. ERST. + WIRS.  1.5. WEATHER BUREAU  WALTER WILDERICK  WAS BESSIE N. WILLUERS  WAS EMMA SHAULIS  CORPS OF ENGINEERS  EED. AVIATION AGENCT  SRAOFORD FIRE OEPT.  SRAOFORD WATER CEPT.  ALTURRIES COMM.	9	LONG PONO 2 W LYNCH MADERA MAHAEFEY MAPLE GLEN MAPLETON DEPDT MAPCUS MOOK MAPIENVILLE 1 SW MARION CENTER 2 SE MARTINSBURG FAA AP	5275 5336 5382 5368 5361 5390 5400 5408	MONROE FOREST CLEARFIELD CLEAREIELO MONTGOMERY MUNTINGOON OELAWARE FOREST INDIANA BLAIR	9 A1 03 1 41 36 16 40 50 16 40 53 5 40 11 6 40 24 5 39 49 1 41 27 1 40 45 6 40 18	75 30 79 03 78 26 18 44 75 11 71 56 75 25 79 09 79 02 78 19	1280 380 580 12 M 1700 1610	7A TA 7A 7A TA 8A 7A ID MIO 6P 7A ID NIO	c c	MR MR SU RO	IOMAS MECKES IRPS OF ENGINEERS SAS JULIA J. SHUFF ISS ELLEN J. MILES KANCES E. SCHEIBNER RS. J. S. BUCHANAN IN OIL CO. DY A. MAKKER IRPS OF ENGINEERS ED. AVIATION AGENCT
BRODKVILLE FAG AIRPORT MRINGFROM 1 SE RUFFFALO MILLS RUBGETSTOWN 2 W RUBRNT CABINS 2 W RUBRNT CABINS 2 NE RUTLER RUTLER SURSTATION FAMO KLIRE CANTON 1 MW	1033 1073 1087 1105 1115 1130 1135 1203	JEFFERSOR  ALLEGHENY  SONFRSET  BEOFORD  WASHINGTON HUNTINGDON  BUTLER  BUTLER  LYCOMING  BRADFORD	1 41 09 10 40 18 4 40 0A 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 16 41 16 15 41 40	79 06 19 59 78 50 78 39 80 26 77 52 79 54 79 53 77 20 76 52	1065 2460 1318 980 990 1100 1140 590	7A 7A 7A 7A 7A 7A 7A 7A	c	SPA	CLOSEO 07/26/62 ALVIN W. MANGES CLIFEORO C. ADAMS NITH TWP. MUN. AUTH- PA. TURNPIKE CONN. ROGER CLARK REST PERN POWER CO. LESLIE U. DOWLING RES-MILORED APENCER		NATAMORAS MC CONNELLSAURG MC VERSPORT MFANDUR UN PORDS MFAOVILLE IS MEOUX RUN MFRCER 2 NNE MFRCER 2 NNE MFRCER MIWAY SHEO MFPCERSAURG MFPUT NSAURG MFPUT NSAURG	5573 5601 5606 5627 5651 5654 5662	FULTON ALLEGMENY LUZERRE CRAWFORD	5 41 22 12 39 56 10 A0 21 15 41 13 1 41 38 16 41 17 2 41 15 2 A1 14 12 39 A9 9 40 58	T4 42 78 00 79 52 75 40 80 10 T8 24 80 13 80 15 77 54 75 28	1100 1160 1250	TA 8A 8A 7A 7A 7A 8A 8A 8A	c	MR US GE H CI H MR PA RO	ARRY BISLAND STS. HELEN N. SHIVES SS. HATL TUBE OIV ORGE PEARAGE ITY OF NEADVILLE RSS.C. N. SKYOLK SS. FRAN. STRUTHERS N. OEPT. HIGHWAYS DILIN P. GILBERT RTMUR A. SMITH
CARLISLE CARROLLTOWN 2 SSF CARTER CAMP 2 W CENAR RUN CWANDS FORD CHAMMERSHUPG 1 ESE CHARLEROI CMARLEROI CMARLEROI CMARLEROI CLARENCE CLARENCE CLARENCE	1255 1262 1301 1342 1354 1372 1377 1480	CUMBERLANO CAMBRIA POTTER LYCOMING DELAWARE FRANKLIN WASHINGTON WESTMORELANO CENTRE CLARION	15 40 13 16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 08 10 40 09 16 41 03 1 A1 12	77 12 78 42 77 45 77 27 75 37 77 38 79 55 79 54 71 56 79 26	2040 2030 800 170 640 1040 T49 1410	6P 6P 8A 7A 74 7A 9P 9P TA 7A 8P TA	000	H R	CARROLL G. NILLER ROBERT F. NAURER RICMARD L. MENKEN KATMRYN T. KREIGHBAUN E. EARL TOUCHTON HARILES A. BENOER MEST PENN POWER CO. CORPS OF ENGINEERS 11 SE VELDA SWANCER 1-A. ELECTRIC CO.		MEYERSDALF MILANY TLE MILLANYTLE MILLERSBURG 2 E MILLERSBURG 2 E MILLUTILE 2 SW MULROY MONTROSE MODERNY LOCK AND DAH MODTROSE MODGANTOWN	5731 5738 5775 5790 5817 5825 5902 5915	SOMERSET BRAOFORD WAYNE DAUPHIN CENTRE COLUMBIA NIFELIR BEAVER SUSOIIEHANRA BERKS	17 39 49 15 41 56 5 41 40 15 40 32 15 40 53 15 41 06 6 40 43 11 40 39 15 41 50 15 40 09	T9 01 76 31 75 0A 76 56 17 29 76 34 77 35 80 23 75 52 75 54	770 692 1560	7A 8A 7A 7A 7A 8A 5P 7A 7A 7A	c c	CH RU NE KE TH CO	AUL E. FULLER  HARLES E. STROUD  HARLES W. DAVIS  USSELL SHEPLEY  VIR E. BOWERSOX  RNNETH LEIGHOW  HONAS C. HARBESUN  ORPS OF ENGINEERS  ALPH TATLOR  A. TURNPIKE COMM.
CLAUSSVILLE 9 W CLEARFIED CLEARING CLEAWING CONTENT A NW COATESVILLE 1 SW DAM CONFLUENCE 1 SW DAM CONFLUENCE 1 M CONFLUENCE 1 TH CONFELITION E 1 SW CONFELITION E 1 SW CONFELITION E 1 SW CONFELITION E 1 SW CONFELITION E 1 SW CONFELITION E 1 SW CONFELITION E E	1512 1519 1529 1534 1589 1705 1710 1720	LEMIGH WASMINGTON CLEARFIELD MC KEAN MC KEAN CHESTER SOMERSET FAVETTE CRAMFORD CRAWFORD	9 AO 37 11 40 07 16 41 01 1 41 41 5 39 58 17 39 AB 17 39 50 6 41 45 1 41 46	75 39 80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 80 15	1100 2104 1620 342 1490 1331	7P TA 7A 5P 7A 8A 8A 8A TA 9A 9A 8A	C 8A C	M M M M M M M M M M M M M M M M M M M	WILLIAM J. DOTTEREK  #FGRS. L. + M. CO.  IRA TAYLOM  ARS. TILLIE M. SIMONDS  MILA. ELECTRIC CO.  CORPS DE PROJIEERS  JOHN L. REID  S. CARTILE SHELOOR  RES. PALLA J. TAUTIN	-	MT GRETNA 2 SE MOUNT UNION 1 N MUHLENBURG 1 SE MURRYSVILLE MYERSTONN NATRONA LDCK 4 NEFES MILLS 3 NE NESMAMINY EALLS KEW CASTLE 1 N NEWELL	6067 6090 6111 6126 6151 6174 6194 6233	LARCASTER NIFFLIN LUZERNE WESTMORELANO LEBARON ALLFGMERY HUNTINGOON BUCKS LAWRERCE FAYETTE	,15 40 14 6 40 24 15 41 13 10 40 26 14 40 22 1 40 37 6 40 A0 5 40 09 2 41 01 10 40 05	76 26 71 53 76 08 79 42 16 16 19 43 77 55 74 57 80 22 19 54	820 1110 900 480 800 900 60 825	8A 7A MID 5P 7A 2H 12M	c c	DA MR CO PA PH LE	A. TURNPIKE COMM- T. UNION MATER WORKS IMACTIVE 2/60 AVID C. SHAW RSKATHLEEN WANDELL DRPS OF EMGINEERS A. STATE UNIVERSITY HILA. SUB. WATER CO. EVIS W. MANILTON ENERAL CHEMICAL CO.
CONNELLSVILLE CONNELLSVILLE ? E CONSUMONOLEEN COORSRURG CORAOPOLIS NEVILLE IS CORRY COMMERSEORT 3 NW COMMERSEORT 6 E COVINCTOM 2 MSM CREEKSIDE	1729 1737 1749 1773 1790 1806 1809	FAYETTE FAYETTE MONTGOMERY CLARIOR ALLEGMENY ERIE ROTTER POTTER TIOGA INDIANA	17 40 01 17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 44 1 40 41	79 36 79 33 75 19 79 13 80 05 79 39 78 03 77 53 77 01 79 12	870 1300 70 1180 720 1440 2020 2425 1745 1035	8A 8A 8A 8A 6P 6P 7P 8A 8A 7A	le	P P H H H	MARSMALL B. NENEFEE MARRY C. JOY MILA. ELECTRIC CO. PA. DEPT. FRST. + htts. PGM. COKE * CMEM. CO. RICHARD T. MOUNTAIR HISS ELIZABETH NEFF MRS. HERNIETTA D GEITER CALVIN R. PACKARD CORPS OF ENGINEEKS		REW PAPK NEWSTRATON NEW STANTON NEW STATON NORPISTOWN NORTH EAST 2 SE OWFELL 2 NW PALM PALMERTON PARKER	6310 6326 6370 6396 6622 6681 6689	YORK PERRY WESTMORELARD LEHIGM MONTGOMERY ERIE BRADFORD MONTGOMERT CARBON ARMSTRONG	15 39 44 6 40 29 10 40 13 14 40 81 14 40 07 8 42 12 15 41 55 14 40 26 9 40 48 1 41 05	76 30 77 08 79 36 75 45 15 21 79 49 76 18 75 32 75 37 19 41	980   570   75   1060   1340   385	6P 7A 7A 810 MIO 6P 8A 8A 8A 8ID MID 7A	BA C	H MAR PA EA BC EL MAR NE	LINTON J. ALLEN RS. ERANCES K. ERY A. TURNPIKE COMM. RED C. OSWALO RODUGH OF NURRISTOWN LLSWORTH WEAVER LMER T. NOORE RS. HELEN ESCHBACH EW JERSEY ZINC CO. OUIS A. MALARKET
CRESSON 2 SE CUSTER CITY 2 M DANVILLE DEVAULT 1 M OINGWANS FERRY OINON DONEGOL NONN DONEGOL NONNRA OO'LESTOWN DRIFTWOOD	1978 2013 2116 2160 2171 2183 2190 2221	CAMBRIA MC KEAN MONTOUR CHESTER PIKE WYOMING WESTMORELAND BUCKS CAMEROR	6 40 27 1 41 55 15 40 58 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 18 16 41 20	78 34 78 41 76 31 75 33 74 52 75 57 79 23 79 52 75 08 78 08	430 750 1746 H	7A 7A 10 NID TA 7A 10 MID 5P 5P 5P	c	Р Т Н Р	FRED A. PLEMPEL INACTIVE 12/59 IRS. MARIE H. LITTLE PA. TURNPIKE COMM- HUMAS A. HUTALEN IARULD J. KUSCHEL PA. TURNPIKE COMM- HEODORE F. MATHUES SEURGE HART SIONEY KENNEDY	N N	PARKER 1 E PAUPACK 2 WNW PHIL DREXPL INST OF TEC PHILADELPHIA WB AP PHILADELPHIA PT BREEZE PHILIPSBIJKG FAA AP PHOFFIXIVILLE 1 E PIKES CREEK PITTSBIJKG WB AP 2 PITTSBIJKG WB AP 2 PITTSBIJKG WB AP 2 PITTSBIJKG WB AP 2	6762 6879 6889 6899 6916 6927 6939 6993	CLARION PIKE PHILAGELPHIA PHILAGELPHIA PHILAGELPHIA CENTRE CHESTER LUZERNE ALLEGHENY ALLEGHENY	1 41 06 5 41 24 14 39 57 5 39 55 6 40 54 14 40 07 15 41 18 11 40 30 11 40 27	79 40 75 14 75 11 75 15 75 12 18 05 75 30 76 08 80 13 80 00	7 1 32 1 1918 1 105 1320	8A 110 M10 110 N10 110 N10 110 M10 5P N10 7A 11D M10		11 M 12 LH 14 H 14 H 10 LH	. M. NEELY ISS L. VETTERLEIN RANCIS K. DAVIS, JRS. WEATHER BUREAU TLARTIC REFINING CO. EO. AVIATION AGENCY HILA. SUB. WATER COMM. ARRY SHELDON -S. WEATHER BUREAU -S. WEATHER BUREAU
DU BOIS FAA AIRPORT DU BOIS 7 E DUNKIO DUSKIGRE 2 SSW FAGLES MERE EART BRADY ERENSBURG EDINAORD EMPORTUM 1 N FNGLISH CENTEP	2265 2298 2325 2343 2363 2466 2514 2635	JEFFERSON CLEARFIELD CAMBRIA SULLIVAN SULLIVAN CLARION CANBRIA ERIE CANERON LYCOMING	1 41 11 16 41 06 4 40 17 16 41 29 16 41 24 1 40 59 4 40 29 1 41 52 16 41 32 16 41 36	78 54 78 38 76 43 76 25 76 35 79 37 78 43 80 08 78 14 77 17	1670 2410 1910 2020 820 2090 1220 1560	10 N1D 5P 5P 6A TA 7A 5P 5P TP 7A 8A 8A 8A 7A 7A		H C	TED AVIATION AGENCY TITY OF OU BOIS MASS D. L. WHITE ROBERT J. OBERT TRANCIS B. HANLEY N. B. KENPEL ROBERT A. WASSER COINBORD ST. TCHR. COL. MIST TALLIE N. BRITTON MILLIAM SUDERS	*	PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PURKSSITAMMEY PURKSVILLE 2 SF DAN OUAKERTOWN 1 E RAYMONO READING WR CITY REMOVO 5 S	7116 7161 7217 7229 7239 7310 7316 7409	WAYNE SCHUYLKILL JEFFERSON ARMSTRONG BUCKS POTTER BERKS CLINTON CLINTON	5 41 44 14 40 35 14 40 42 1 40 57 1 40 55 5 40 26 13 41 52 14 40 20 16 41 20 16 41 14	75 27 76 02 76 11 79 00 79 17 75 20 77 52 75 58 77 45 77 46	1800 450 690 1300 1270 490 2220 266 660 2035	8A 8A TA 7A 6A 8A 8A 5P 7A 7A 410 NID 7A 7A	00000	10 00 00 00 00 00 00 00 00 00 00 00 00 0	ILLIAM PULIVKA RS. ADA E. RARICK LOYO E. WELLEN ARL E. ROTOLO ORPS OF ENGINEERS ENNIS K. FLUCK SS. RACHEL LANGAN WEATHER BUREAU LHER G. BATSCHELET . F. BILLETTE
EPHRATA EQUININNK 2 ERIE CO FIELO RSCH LAB ERTE WB AIRPORT FVPFFTT 1 SW FARRELL SHARON FORD CITY 4 S OAM FRANKLIN FRELAND GALETON	2671 2673 2682 2721 2814 29A2 3028 3056	LANCASTER WAYRE ERIE ERIE BEDFORO MERCER ARMSTRONG VERANGO LUZERNE POTTER	15 40 11 5 41 51 8 42 13 8 42 05 6 40 00 2 41 14 1 40 43 1 41 23 15 41 01 16 41 44	76 10 75 13 79 51 80 12 78 23 80 30 79 30 79 49 75 54 77 38	910 740 732 M 1020 855 950 987	6P 6P 7A 1D NIO 8A 8A 7P 7P 8A 8A 6P 8A 6P 8A	BA C	G F HJ L	STANLEY L. VON NEIDA 485. HENNIETTA MUKKY FIELD RESEARCH LAD. J.S. WEATHER BUREAU 74. TURNDIE COMM. SHARON STEEL CORP. CORPS OF ENGINEERS RICHARD A. BEITH HORGEW B. EVANSHA STANLEY B. LUSH		OFW RICES LANDING L 6 RIDGWAY ROCHESTER 1 N RUSHVILLE RUSKELL SAFE HARBOR SAGAMPRE 1 S SALINA 3 W SAXTON	7443 7477 7540 7727 7729 17732 7739 7782	MC KEAN GREENE ELK BEAVER SUSOUEHANNA WARREN LANCASTER I ROIANA WESTMORELANO BEOFORO	1 41 54 10 39 51 1 41 25 2 40 43 15 41 47 1 41 56 15 39 55 1 40 46 7 40 31 6 40 12	78 32 80 00 78 45 80 18 76 07 79 08 76 23 79 14 79 33 78 15	2250 775 1360 900 870 270 1320 1109 780	8A 7A 8A 8A 7A 8A -7A 6P 8A	c	DE C/ M: S:	DWARD P. CLARK ORPS OF ERGINEERS OROUGH OF RIDGWAY EQUESNE LIGHT CO- ARL KOPATZ IKE L. FERRIE WHATER POWER CURP- ORPS OF ENGINEERS UN- AUTH, WSTHRLD. CU- RS- ALVERTA L. HOLMES
GEIGERTOWN GEORGE SCHOOL GETTYSBURG GETTYSBURG 1 S GIFFORD GLERCOF GLER HAZFL 2 NE DAM GLERMODRE GLEN POCK GLENWILLARD OASH DAM	3200 3218 3223 3237 3298 3311 3321	BERKS BUCKS ADAMS ADAMS SOMERSET ELK CHESTER YORK ALLEGMENY	14 40 13 5 40 13 12 39 50 12 39 48 1 41 51 12 39 49 1 41 34 5 40 06 15 39 48 11 40 33	75 50 74 56 77 14 77 14 78 36 78 51 78 36 75 47 16 44 80 13	400 135 540 530 2220 1620 1725 440 620 705	8A 8A 9A 9A 8A TA		H IC	WALTER C. WOLF SEORGE M. MART UGH C. M. GIHENNY NATIONAL NILITARY PARK INACTIVE 12/59 NRS. MARY N. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER CORPS OF ENGINEERS CORPS OF ENGINEERS	49	SCANDIA 2 E SCHENLFY LOCK 5 SCRANTON WE AIPPORT SCLERSVILLE 2 NW SHADE GAP 2 NE SHAMOKIN SHEFFIELD 5 W SHIPPENSRURG SINNEMANONING	7863 7902 7905 7938 7965 7978 8026 8073	WARREN ARMSTRONG LACK AWANNA LUZERNE BUCK S HUNTINGOON NORTHUMBLAND WARREN FRANKLIN CAMERON	1 41 55 1 40 41 15 41 25 15 41 20 5 40 23 6 40 12 15 40 48 1 41 42 15 40 03 16 41 19	79 01 79 40 75 40 75 44 75 20 77 52 76 33 79 08 77 32 78 05	2040 783 746 940 530 920 770 1920 709 790	VAR 7A, 7A 110 N1D 8A 4P 4P 7A		HJ U-	AVID R. ANDERSON ORPS OF ENGINEERS .S. POST OFFICE .S. WEATHER BUREAU ELLERSVILLE WATER CU- RS. MELEN H. PYLE OARING CREEK WATER CO ILBUR R. NOROIN EITH B. ALLEN RS. FRANCES CALOWELL
GOULOSBORD GRATEPFORD 1 E GREENSBORD LOCK 7 GREENSBURG 2 E GREENVILLE HANDVER # HARRICRIBEG WR AP HARRISRURG KORTH HAMLEY	3435 3437 3503 3515 3526 3662 3699 3704	WAYNE MONTGOMERY MONTGOMERY GREENE WESTMORELAND MERCER YORK DAUPHIN WAYNE	9 41 15 14 40 14 14 40 14 10 39 47 10 40 18 2 41 24 15 39 48 15 40 13 15 40 18 5 41 29	75 27 75 27 75 26 79 55 79 31 80 23 76 59 76 51 76 54 75 10	808 1225 1026 600 335 8	7A 7A 7A 7A 6P 6P 8A 8A 8A 110 NID 9A 7A 7A		H C	DANA L. SHAY  CHARLES A. LEISTER  STATE CORRECTIONAL INST  CORPS OF ENGINEERS  PA. OEPT. HIJHWATS  C. EARL MILLER  ANOVER EVENING SUN  J.S. WEATHER BUREAU  GEORGE S. BEAL  RES. KATHERINE BATES	W	SIZERVILLE SLIPPERY ROCK SMETHPORT HIGHWAY SHEO SOMERSET FAIRVIEW ST SOUTH CANAAK 1 RE SOUTH MOUNTAIR SPRING GROVE STATE COLLEGE STATE COLLEGE STATE COLLEGE STATE COLLEGE STATE DAH	8190 8244 8275 8308 8379 8449	CAMERDN BUTLER HC KEAN SOMERSET WAYNE FRANKLIN YORK CENTRE CENTRE SUSOUEHANNA	16 41 36 2 41 04 1 41 48 17 40 01 5 41 31 12 39 51 15 39 52 16 40 48 16 40 48 15 41 41	78 11 80 03 78 27 79 05 75 24 77 30 76 52 17 52 77 52 15 29	1230 1345 1510 2140 1400 1520 4T0 1175 1180 1645	7A 7A 7A 7A 7A 7A	c c	H RI	IRS- AGNES LION AYMOND E. MILLER A. OEPT- HIGHWAYS OWARD G. PECK UGENE N. COOK A. OEPT- OF MAALTH - H. GLATFELTER CO- IA- STATE UNIVERSITY ORPS OF ENGINEERS
MAWLEY 1 S DAM MOLLIOAYSRURG MOLLISTREVILLE H HOLTWOOD HOME MONESDALE 4 NW MONESDALE 6 KMM MONESDALE 6 KMM MONESDALE 7 NW MONESDALE 5 KMM MONESTOR 2 SE NUNTIRGOON	4001 4006 4019 4043 4044 4047 A066	WAYNE BLAIR WAYNE LANCASTER INDIANA WAYNE WAYNE CHESTER SUSQUEHANNA HUNTINGOOR	5 41 28 6 40 26 5 41 23 15 39 50 1 40 45 5 41 31 5 41 39 5 40 06 15 41 43 6 40 29	75 11 78 24 75 26 76 20 79 06 75 19 75 17 75 56 75 43 78 01	1220 1410 1050 700 900	9A 7A 7A	c c	H	PA. POWER + LIGHT CO- JUNH M. RINGLER JUNH M. RINGLER PA. POWER + LIGHT CO- PA. POWER + LIGHT CO- RYS. EONA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JANES R. GIENGER		STDYSTOWN STRAUSSTOWN STRONDSTOWN STRONDSBURG STUMP CREEK SUMBURY SUSOUEHANNA TAMADUA 4 N OAN TIONESTA 2 SE OAM	8570 8589 8596 8616 8668 8692 8758 6763	SOMERSET BERKS INDIANA MONROE JEFFERSON NORTHUMBLANO SUSOUEHANRA SCHUYLKILL SCHUYLKILL FOREST	4 A0 06 14 40 29 4 40 33 5 40 59 1 41 01 15 40 52 15 41 57 14 40 46 1A 40 51 1 41 29	78 57 76 11 78 55 75 12 78 50 76 47 75 36 15 58 75 59 79 26	600 1880	9A 9A 8A 11P 11P 7A 7A 7A 6A 7A 8A 8A	c   c	H. CO	ERNDN MONG ACOB KLAMR ARRY F. BENNETT ILLIAN HAGERIY OPPS OF ENGINEERS MARLES W. BAYLER RS. LAURA A. BENSON RS. MART L. ROBERTS ARTHER VALLEY WTR. CO ORPS OF ENGINEERS
MUNTSDALE HYROMAN 3 SE HXO1ANA 3 SE JACKSON SUMMIT JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN JOHNSTOWN JOHNSTOWN JOHNSTOWN KARETHAUS	4190 4214 4304 4325 4363 4385 4390 A432	CUMBERLAND BEDFORO INDIANA TIOGA CRAWFORO LYCOMING CAMBRIA NC KEAN CLEARFIELO	15 AO 06 12 39 49 4 40 36 15 41 57 2 41 30 16 41 12 4 40 20 4 40 19 1 41 41 16 41 07	77 16 76 44 79 07 77 01 80 28 77 15 76 55 78 55 78 48 78 07	1690 1050 541 1214 1275	8A 7A 7P 7A 8A 8A 7A 9A 9A 8A 8A 7A	BA C	M 0	METRO P. OOROSH  DONALO LEMMAN  L'INTER MATER SVC. CO.  ARCHIE LAIN  ARCHIE LAIN  GEORGE R. WAODELL  JOHNSTOWN TRIBUME  CITY OF JOHNSTOWN  RUDOLPH A. ANDERSON  MILLIAN J. HOWE		TITUSVILLE TITUSVILLE WATER WORKS TOBYHANNA TORPEOO 4 W TOWANDA 1 ESE TOWER CITY 2 E TROY TUNRELTON	8888 8893 8901 8905 8912	CRAWFORO CRAWFORO NONROE WARRER BRAOFDRD SCHUYLKILL BRAOFORO INDIANA	1 41 38 1 41 38 5 41 11 1 41 47 15 41 45 15 40 35 15 41 47 4 0 27	79 40 79 42 75 25 79 32 76 25 76 31 76 47 79 23	1550 1220 1950 1735 745 835 1100 890	7P 7P 5P 5P 7A 7P 7A 8A 8A 7A	c c	H LI	NA. ELECTRIC CO.  IT OF TITUSVILLE  IRS. JULIA GRACY  IRS. LILY B. GARBER  EVERN ROOT  IRS. LILLIAN S BOMMAN  IENNIE L. BALLARO  IRS. NART E. WEIMER

	NO.		IGE 1	TITUDE	TUDE	NOIL		SERVA IME A TABLE	ND	ORGENIUM	STATION	C NO.	COLLETY	4GE ‡	TUDE	TUDE	ATION			ATION AND LES	
STATION	INDEX	COUNTY	DRAIN	LATT	LONGITUDE	ELEVA	TEMP.	PRECIP.	SPECIAL	OBSERVER	STATION	INDEX	COUNTY	DRAIN	LATH	LONGITUDE	ELEVA	TEMP.	PRECIP.	EVAP.	OBSERVER
TYRONE & ME BALD EAGLE UNION CITY PLUT REANT UNIONTOWN VANDERGH IFT VIRCINVILLE WARREL WELLSBORG 3 S MEST CHESTER WELLSBORG 3 S MEST CHESTER WELLSBORG 3 S MEST CHESTER WENTERMUS 3 SW MEST CHESTER WENTERMUS 3 SW MEST CHESTER WEST 9024 9042 9050 9128 9196 9298 9312 9345 9367 9408 9464 9380 9503 9503 9507 9655 9714	ERIE FAYETTE WESTMORELAND BERKS WARREN WASHINGTON NORTHUMBLAND GREENE	6 1 10 7 14 1 15 16 10 16 5 12 5 1 1 15 6	%1 54 %0 43 %1 55 %3 9 54 %0 36 %0 31 %1 05 %3 9 56 %1 43 %3 9 58 %1 43 %3 9 58 %1 43 %1 15 %1  76 16 78 12 79 48 79 44 79 33 75 52 80 14 76 52 80 10 77 16 75 36 78 05 77 25 77 48 79 25 78 12 78 15 79 25 78 12 76 52	1640 1020 1400 1040 800 350 1280 490 940 1920 450 1090 1530 610 860 527	6P 7R 8A 7A 8A	8 A 8 A 7 A 7 A	C C H	COREST O. STRAIT FREDERICK L. FRIDAT HARGLO W. HAMMOND M. W. W. HARSTELLER UNNITED ENG. * FRODY-CO- GLUERT H. RELER PA. DEPT. HIGHWAYS MILLIAM SIR. MARION L. STRUMWAY OALT LOCAL NEWS MARION L. STRUMWAY OALT LOCAL NEWS MESS. DORR J. L. LTNCH MRS. MELEN F. R. KINEAR CORPS OF ENGINEERS MISS. MARIY G. M. HARMA MISS. W. M. GORNIERS MISS. MARIY G. M. HARMA MRS. M. M. M. GORNIERS MISS. MARY G. M. HARMA MRS. M. W. M. M. M. M. M. M. M. M. M. M. M. M. M.	WIND GAR MOLESBURG YORK 3 SSW PUMP STA YORK 2 SFILTER PLANT YORK POWER TORK POWER TORK SOW STATE TORK GROE ZIONS GROE ZIONS VILLEF 3 SE	9823 9933 9938 9950 9966 9990	YORK	6 15 15 15 1	40 51 40 03 39 55 39 56 40 07 41 51 40 54 40 28	75 18 78 32 76 45 76 44 76 43 76 19 76 13 75 27	765 1190 390 640 310 1225 940 680	5P	7A 5P 8A 7A 8A	c	MASS MARY D. MOGLEEL WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY YORK WATER COMPANY HE WAS A COMPANY THE		

<sup>1-</sup>ALLEGHENT, 2-BEAVER, 3- 4-COMEMANGH, 5-DELAWARE, 6-JUNIATA 7-KISKIMINETAS, 8-LAKE ERIE, 9-LEMIGH, 10-MONONGANELA, 11-OHIO 12-POTOMAC, 13-LAKE ONTARIO, 14-SCHUYLKILL, 11-OHIO 12-POTOMAC, 13-LAKE ONTARIO, 14-LAKE ONT

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office metry out.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin

Moothly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this bulistin.

Stations appearing in the Indes, but for shich data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are. Temperature in 'F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard eesther Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Hind" Table. Wax and Min in "Evaporation and Hind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, slast, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and elect. Entries of enow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and anovial in the "Scoafall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months now observations no daylight saving time.

Show on ground in the "Showfall and Show on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these etations show on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, R, sod J in the "Special" column under the heading "Observation Time and Tables", indicate the following C Recording Rain Gage Station. Rourly precipitation values are processed for special purposes, and are published later in "Bourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Sourfall and Snow on Ground" Table. Omission of data in any month indicatem no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Osily Temperature Thele is indicated by no entry,
  interpolated values for moothly precipitation totals may be found in the annual issue of this publication.

  No record to the Supplemental Data" Table: "Daily Precipitation" Table: "Persperature on the Supplemental Data" Table: "Daily Precipitation" Table: "Persperature on the Supplemental Data" Table: "Daily Precipitation" Table: "Persperature on the Supplemental Data" Table: "Daily Precipitation" Table: "Persperature on the Supplemental Data" Table: "Daily Precipitation" Table: "Persperature on the Supplemental Data" Table: "Daily Precipitation" Table: "Daily Precipitation" Table: "Daily Precipitation Indicated In

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Wambington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this etate. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Manhington 25, D. C. for 65 cents. Similar information for regular Weather Dureau stations may be found in the latest annual issue of Local Climationgical Data for the respective stations, otherwise as indicated above, price 13 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Resittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, \*ambington 25, D. C.

USCOMM-WB-Asbeville, N. C. -- 12-20-62 --- 1000

51.05 NP

# U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

NOVEMBER 1962 Volume 67 No. 11



FEB 11 1063

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	Average	Averoge	Averoge	Departure From Norm	ghest	9	west	9	gree	0.00	32 or Below	Below 0° or	MO	Totol	Deporture From Normal	Greotest Day	Date	Total	Max. Depth on Ground	Date	6	5	1.00 or /
	W <sub>o</sub>	À Ä	À	P <sub>ro</sub>	High	Date	Low	å	ă	Ab.	Bell	0 8	- Be	۴	9 7	ō	ă	To	₹ δ	ă	٥.	.50	<u>-</u>
POCONO MOUNTAINS						30	14	26+	905	0	0	27	0	3.45		1.23	10	9•0	6	4	4	3	2
BEAR CREEK DAM FREELAND	43.4 44.1 46.0	25 · 8 29 · 5 25 · 6	34.6 36.8 34.8	- 2.0	60 65 61	30	20	26	837	0 0	0	24	0 0	1.58	- 2.57 23	•48 1•07	4	13 • 1 7 • 0	6 7 3	20	6 5	0	0
HAWLEY PLEASANT MOUNT 1 W SCRANTON	41.9	23.4	32.7	- 3.7	61	30		26	963 802	0	0	28	0	2 • 09 2 • 20	- 1.87 81	•58 •89	4	4 • 8 • 5	3 4 0 2 2	4	5	2	0
SCRANTON WB AIRPORT STROUDSBURG	43.5	29•7 25•2	36.6 35.8	- 3.0 - 5.6	57	28 16	I 1	26 27	848 871	0	0	21 25	0	2.80	14	.87 1.44		4 • 6 5 • 7			5	3 2 3 2 3	0 2
TOBYHANNA	42.6	26.8	34.7		64	30	16	26	902	0	1	24	0	4.36	• 06	1.81	10	11.3	5	4	5	3	1
OIVISION			35.5	- 3.9										2.96	- •74			7.0					
EAST CENTRAL MOUNTAINS	49.0	30.3	39.7	- 2.2	62	30+	22	27	753	0	0	23	0	4.13	•80	1.58	3	3.5	1	18	5	3	2
ALLENTOWN WB AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV	49.2	30.3	39.8	- 3.3 - 5.7	62	30	22	30	752 780	0	0	22	0	4.11	•69 •71	1.50	4	1 • 3 T	1 0	20	5	3	2 2
PALMERTON PORT CLINTON	47.5	29.7	38.6 36.6	- 3.0 - 5.2	60 63	29 30		27+	785 846	0	0	21	0	3.54 4.09	•05	1.54 1.50	10	3.0	0	20+	5	2	I 2
OIVISION			38.7	- 3.2										3.99	•32			1.7					
SOUTHEASTERN PIEOMONT																							
COATESVILLE 1 SW DEVAULT 1 W	49.9	31.0	40.5	- 2.8	62 60	10 30+	20	7 27+	728 746	0		21	0	5.24	1.69	2.04 1.76		• 5	1		4 7	4	2
EPHRATA GEORGE SCHOOL	50.9	32.0	41.5	- 2.8 - 4.3	61	30 10	22	7 7	699 739	0	0	17	0	3.93 4.72	•63 •96	1.45	10	• 4			6	4	2
GRATERFORO 1 E HOLTWOOD	49 • 0 49 • 5	29•5 34•0	39.3 41.8	- 3.5	60 62	30+ 30	21	7 27+	766 687	0	0	23	0	5.52 4.84	1.90	1.85 2.05	10	4.0		4	5	4	1
LANCASTER 2NE PUMP STA LANOISVILLE 2 NW	50 • 3 48 • 3	26 • 2 30 • 1	38•3 39•2	- 4.8	62	29	21	7 7	796 766	0	0	25	0	4.40 3.78	1.24	1.67 1.59 1.62	10	1.4	1	4	5 5	3	
LEBANON 4 WNW MARCUS HOOK	51.6	37 • 7	44.7	- 3.2	58 62	30+ 10 29	25 31 22	19+ 19+ 7	603 740	0	0 0	11	0	4.20 4.92 5.52	1.41	1.53	3	T 4.0			6	4	2
MORGANTOWN MT GRETNA 2 SE NORR1STOWN	49.0 49.6 51.7	31.2 29.0 32.4	40 • 1 39 • 3 42 • 1		61 63 64	30 30+	21	19	766 682		0	24	0	4.53 5.72		1.35	10	•0			7 6	3	
PHIL OREXEL INST OF TEC PHILAOELPHIA WB AP R	51.4	37.1	44.3 42.1	- 2.2	62 63			19	614 681	0	0	15	0	5.22 4.60	1.20	1.44	3	T 4			6	4,	2
PHILAGELPHIA PT BREEZE PHOENIXVILLE 1 E	50.6 50.7	39.3	45.0 40.0	- 3.0 - 5.1	62 62	30 10	18	20	595 742	0	0	20	0	4.87 5.35	1.51	1.35	3	T • C			5		3
OUAKERTOWN 1 E REAOING WB CITY R	49.9 50.6	30 • 0 34 • 9	40.0 42.8	- 2.5 - 2.3	63	29 30+	18	7 7	745 659		0 0	7 22	0	4.89	1.18 1.53 - 3.88	1.74		1 • 2 1 • 5	2 1	18	6		
WEST CHESTER		30 • 2M	41.2	- 3.5			23	26+			۷	22		4.91	1.43			1.0	1				
OIVISION LOWER SUSOUEHANNA			7102	, ,																			
ARENOTSVILLE	48.7	32.0	40.4	- 2.1	58		23	7	734		0	19	0	4.36		1.62				4	7 7		
BLOSERVILLE 1 N CARLISLE	48 • 6 50 • 2	32.9	40 • 8 40 • 8	- 2.7	58 60	30	20	26+	720	0	0	15 18 20	0 0	2 • 7 0 3 • 8 4 3 • 5 3	• 58	1.54 1.11	10	1.6	) :	1 3	5	3	1
CHAMBERSBURG 1 ESE GETTYSBURG	48.9 49.0 49.8	30 • 2 33 • 2 31 • 5	39.6 41.1 40.7	- 3.4 - 3.5 - 4.1		10	22	30+ 7 7	756 709 725	0	0	15	0	4.09	•83	1.22	10	1.5	5 :	1 4	7	4	2 2
HANOVER HARRISBURG WB AP R MERCERSBURG	49.9	32.3	41.1	- 2.8		10		27	712	0	0	15	0	4.10		1.10	5 3	4 • ! T	5 (	3	8	2	2
SHIPPENSBURG YORK 3 SSW PUMP STA	49.0	31.4	40.2	- 3.7	60	30	22	27 27	742 721	0		19 19	0	4.15	1.06	1.50		7.0		3 3	5		1 I
OIVISION			40.6	- 3.0										3.92	.74			2.5	9				
MIOOLE SUSQUEHANNA																							
BERWICK ENGLISH CENTER	46.4 47.7M	27.8 25.0M	37.1 36.4M		58 57		19	27+ 28	830 851		0	23	0	2.93 2.41			2 3	2 • 0	o l	2 3	3		
LEWISTOWN MILLVILLE 2 SW	50 • 3	30 • 2 27 • 1	40.3		61 54	22	20	28+ 28	735 849	0	0	20	0	3.52 2.73		• 91		5.0	0	T 20- 5 4	4	3	0
NEWPORT SUNBURY	48.3 48.5	29•1 27•0	38.7 37.8		57 58	10	17	27	781 811	. 0	0	25	0	3.83 2.97	39		9 4	5 · 1		5 4	5	3	1 1 2
TOWER CITY 2 E WILLIAMSPORT WB AP	46.4	27.6 30.0	37.0 38.8	- 2.3	60 58		15 21		834 777				0	4 • 38 2 • 47	98	1.7		3.		2 3	5	2	0
OIVISION			37.8	- 4.0										3.16	15			2.	5				
UPPER SUSOUEHANNA																							
AUSTINBURG 2 W CANTON 1 NW	44.8 41.7	25 • 0 26 • 9	34.9 34.3		59 55	11	14 20	26 27+	897 913	0	2		0	2.14		1.1	8 10	4.	5	2 4 4 3 4	3	3 1	1 0
OIXON LAWRENCEVILLE 2 S	45.0 44.9M	25.7 26.0M	35.4 35.5M	- 3.5		10	15	28+	882	2 0	0	24	0	2.14	65	•8 •5	3 10	10	5	3 4 1 4 9 4	4	4 ]	0
MONTROSE TOWANDA 1 ESE	41.4	25.7	33.6	- 4.8	61 54 58	30+		20+ 7 27+	935 868 919	0	0		0	2 • 4 7 2 • 3 5 1 • 5 4	- •27		0 4	6.	5	5 4	4	· 2	
WELLSBORO 3 S OIVISION	42.3	25•9	34.8	- 3.8				217	,,,,					1.99				5.					
CENTRAL MOUNTAINS			,,,,,																				
BELLEFONTE 4 S	46.8	28•1	37.5		61			27	823				0	1.87		•5		1 • T		1 4 T 4	+ 6		0 0
OU BOIS 7 E EMPORIUM 1 N	45.4	27.5	36.5 34.0		57	30	12 13 16	28+	923 809	3 0	1	27	0	1.44		. 4		1.	5	2 4		5 (	0
MADERA  PHILIPSPING FAA AP	48.0 45.1 43.7	27 • 8 24 • 7 25 • 9	37.9 34.9 34.8	- 3.4	60 59	22	11	28+ 27+	896	5 0	0	26	0 0	1.63			6 10	2 •	4	2 4		5 :	0 0
PHILIPSBURG FAA AP RENOVO	48.6	25.4	37.0		59		14						ō	1.77	- 1.25	• 9	3 10	•	0		1	3	1 0

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Station	Average Maximum	Averoge	Average	Departure From Normol	Highest	Dote	Lowest	Dote	Degree Doys	<u> </u>	-	Below 0 or	a olog	Totol	Departure From Normal	Greotest D	Dote	Totol	Max. Depth on Ground	Dote	.10 or More	.50 or More	1.00 or
DGWAY ATE COLLEGE	46 • 3 45 • 6	25.7 29.3	36 • 0 37 • 5	- 1.8 - 3.5	62 59	30 22	12 20	27 28+	863 816	0			0 0		- 1.71 - 1.10	•43 •68		1 · 4 3 · 1	1	23		5 1	
DIVISION OUTH CENTRAL MOUNTAINS			36•2	- 2.9										1.53	- 1.56			1.5					
TOONA HORSESHOE CURVE RNT CABINS 2 NE ENSBURG ERETI 1 SW INTINGON HINGON GG RTINSBURG FAA AP DIVISION	47.2 50.3M 45.4 47.8 48.0 50.1 48.6 47.0	29.9 28.1M 28.6 27.9 28.0 31.9 28.6 30.0	38.6 39.2M 37.0 37.9 38.0 41.0 38.6 38.5	- 2.0 - 1.6 - 3.7 - 1.5	63 59 58 60	30 21 22 22 16 21	14 17 12 14	26 27 26 27 28+ 27 27	785 768 834 812 801 714 784 790	0000000	0 0 0 0	21 24 22 20 16	0000000	2.88 3.90 1.63 2.76 2.20 2.26 3.08 2.50	18 - 1.48 82 51 19	.84 2.00 .38 1.05 .73 .81 1.12	10 22 10 10 10 21	1.00 1.00 3.55 1.00 3.00 T T 3.1		4		7 6 5 7	0 1 0 0 2 1 0 0 2 2 1 0 0 0 2 2 1 0 0 0 0
SOUTHWEST PLATEAU  KERSTOWN 3 WNW AIRSVILLE 6 ENE INGETTSTOWN 2 W  ITLER  ALSYVILLE 3 W DNFLUENCE 1 SW DAM DNEGAL DNORA  RD CITY 4 S DAM HOIANA 3 SE RION CENTER 2 SE DNTGOMERY LOCK AND DAM EW STANTON HITSBURGH WB AP 2 //R HITSBURGH WB CASTLE 1 N EWELL UTTSEVILLE 2 SE DAM ALINA 3 W LIPPERY ROCK TOYSTOWN NIONTOWN AYNESBURGH 1 E  DIVISION	49.8 45.4 49.1 50.2 <sup>M</sup> 50.7 48.7 50.0 53.7 49.3 49.9 45.8 50.5 51.7 51.6 49.3 47.9 49.8 48.2 45.5 50.6	32.4 31.5 28.3 28.8 28.3 29.2 33.3 29.3 30.5 33.5 29.8 32.4 29.2 32.9 36.5 29.3 33.1 27.6 33.5	41.1 38.5 38.7 39.5 39.7 38.5 39.1 39.6 38.2 40.2 42.1 40.4 41.1 43.8 38.2 40.2 39.6 43.5 39.6 43.5 40.2	- 2.1 - 1.7 - 1.7 - 1.8 - 0.3 - 0.7	64 62 64 64 64 64 64 64 64 64 64 64 64 64 64	30+ 30+ 30+ 30 30 30 30 30 30 30 30 30 30 30 30 30	21 12 15 12 16 17 22 14 18 19 12 21 21 27 15 17 12 11 27 11 12 11 12 11 12 11 12 11 12 11 12 12	26 27+ 28+ 7 30 27 27 26 26 27 30 27+ 27+ 26 26 27+ 27+ 26 30+	711 792 784 755 751 752 639 772 798 681 740 681 734 707 630 796 756 644 766	0 0	000000000000000000000000000000000000000	13 13 17 18 19 22 11 19 22 11 12 11 12 11 12 11 12 11 12 11 11	000000000000000000000000000000000000000	1.04 2.33 2.07 1.36 2.71 1.90 2.36 1.10 1.44 1.22 1.69 1.94 2.05 1.03 1.02 1.10 2.58 2.56 3.01	- 1.41 -10 - 1.22 72 71 - 1.09	.62 .49 1.32 .86 1.60 .57 .40 .30 1.00 .30 1.10 .85 .72 .73 .33 .33 .65 .88 .66	22 10 10 10 10 10 10 10 10 10 10 10 10 10	T 4 4 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		23 22 18 22 18 22 18 22 23 24 44 44 44 44 44 44 44 44 44 44 44 44	3+	73 677435444 74555475	1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 1
NORTHWEST PLATEAU  RADFORD FAA AIRPORT RADFORD 4 W RES LARION 3 SW LERMONT 4 NW ONNEAUTVILLE ORRY U BOIS FAA AIRPORT AST BRAOY RIE WB AIRPORT ARRELL SHARON RANKLIN REENVILLE AMESTOWN 2 NW ANE 1 NNE EADVILLE I S ERCER 2 NNE IONESTA 2 SE OAM ITUSVILLE WATER WORKS ARREN  OIVISION	43.2 43.2 48.3 44.9 47.6 46.5 50.4 49.9 47.5 44.4 47.0 48.1 44.1 44.1 44.1	26.1 24.5 28.2 25.8 30.2 28.9 22.3 29.6 29.0 34.3 34.5 30.2 23.7 30.1 29.7 27.7 24.3 28.9		- 0. - 0. - 0.	5 6 6 6 6 7 9 6 5 9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	30 30 30 30 30 30 30 30 30 30 30 30 30 3	122 111 14 8 133 166 188 122 200 110 111 111 111 111 111	27+ 25 26 26 26 27+ 26 27+ 26 27+ 26 27+ 26 27+ 26 27+ 27+ 26 27+ 27+ 26 27+ 27+ 27+ 27+ 27+ 27+ 27+ 27+ 27+ 27+	90 4 92 3 79 3 8 8 5 7 7 5 8 1 7 8 2 7 7 4 4 7 7 8 9 2 0 7 8 2 8 7 8 2 8 9 1 6 8 2 8				000000000000000000000	1 · 222 2 · 12	2 - 1.48 2 - 1.48 5 - 33 833 8 - 1.49 972 68 680 680	1 · 1 · 2 ·	1 10 2 10 4 10 3 10 3 9 0 22 4 9 1 10 0 10 7 10 0 10 1 10 5 10 0 10	3. 3. 1. 1. 5. 1. 1. 7. 7. 7. 7. 7. 7. 2. 1. 1. 2. 1.	700000 577 3 6 00040 344	T 2 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2	4 3 2 3 + 4 2 + 3 2 3 + 3 3 +	44366656476344656456	0 0 0 1 1 0 0 0 1 1 1 1 1 0 0 0 0 1

# TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 74° on the 30th at Farrell Sharon

Greatest Total Precipitation: 6.51 inches at South Mountain

Least Total Precipitation: 0.59 inch at Clarion 3 SW

Greatest One-Day Precipitation: 3,90 inches on the 10th at South Mountain

Greatest Reported Total Snowfall: 13.1 inches at Freeland

Greatest Reported Depth of Snow on Ground: 9 inches on the 4th at Montrose

See Reference Notes Following Station Index

PENNSYLVANI NOVEMBER 196

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Station	Total	1	2 3	4	5	6	7	8	9	10	11	12		of Mo	nth 15	16	17	18	19	20	21 ,	22	23	24	25	26	27	28	29	30
ACMETONIA LOCK 3 ALLENTOWN WB AP R ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE	1.10 4.13 4.11 2.88 4.36	+05 T	1.58	1.50	-04 -12 -13	T . 02		•02 T T	.06 .02	.52 1.18 1.32 .84 1.62	.08 .05	Т	•02	•04 •03		.01	•25 •07 T •38 •29	.04 .57 .05 .41	T .43	.08 .05 .05	•35	•14 •21 •62 •41 •46	.01 T	T	20	20	2,	50	20	
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAR GAP	1.59 1.04 1.77 3.45 4.00	•04	•03 1•02	.31 .05 .16 1.08	•03	T		•05	*11 T *03	.62 .62 .54 1.23 1.35	T •03 •30 •06	т	.01	т		• 04	.05	.25 .30 .05	T •26 T	T .04	.06	.38 .08 .25 .65	* 02 • 01	•03						
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BERNE	1.54 2.95 4.83 1.87 3.57	T •06	•13	.78 1.54 .50 1.00	•08	T		T	•03	.97 1.22 1.57 .30 1.35	.05 T .04 .15	Т	*02 T	T		T	.05 .04 .20	•07 •03 T •15 •08	.26 .64 .08	*02 T *02 T	T •09	•12 •56 •72 •47 •46	T	T						
BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N	2.93 3.92 4.07 2.33 2.70	• 03 T	1.02 1.42 .12		.05		•01	•01 •02 T	•08 •04 •20	.80 1.23 1.24 .48 .75	.04 .14		•02 •02	•03		•01 T •16	.06 .05 .37	•15 •61 •24 •18	.08 .60	.04 T .08 .08	• 21 •03 •38 T	.45 .57 .25 .49	• 02	т						
BOSWELL 1 SW BRADDOCK LOCK 2 BRADFORO FAA AIRPORT BRADFORO CNTRL FIRE STA BRADFORD 4 W RES	2.39 1.37 1.22 2.42 2.12	•03 •05	•10	•22 •02 •14	.09 .06 .01 .14	T	т	T • 08 T	T T •07	•70 •60 •36 •61 1•10	.16 .02 .01 .61	т	T •01	T .02	T	T •03	•13 •27 •19 •09 •18	.22 .09 T .25	.04	T T	T •01 •04	•50 •21 •31 •39 •37	.03 T .04 .26	•03 •05 •07	Т					
BREEZEWOOO BRUCETON 1 S BUFFALO MILLS BURGETTSTOWN 2 W BURNT CABINS 2 NE	.97 1.26 2.82 2.07 3.90		•10	* • 33 T • 35	.03 .08 .04 .12	Т		•03		0 1.40 1.32 2.00	•22 • •02 •03 •05	.34 T	.61 .01	•04		.05	* •15 •39 •18	• •21 •07 •55	.47 .23			• 38 •16 •45	•12	.02						
BUTLER CAMP KLINE CANTON 1 NW CARLISLE CEOAR RUN	1.36 2.32 2.14 3.84 2.61	T	T +85	• 52	•08	т		•01 •02 T		.86 1.17 1.18 1.54 1.50	•10 •02 •01 •22	•02	T T	т		Т	.15 .04 T .27	.03 T .43	•13 T	.06 .02 .01		.41 .45 .65	.02	T	т					
CHAMBERSBURG 1 ESE CHARLEROI LOCK 4 CLARENCE 1 E CLARION 3 SW CLAUSSVILLE	3.53 1.76 2.04 .59 4.25	T •03	•55	.49 .01 1.65	.08 .02	Т		•03 •07 T	*16 T	1.13 .77 .83	• 05 • 21 • 02	• 01	T T	•01		•16	•11 •21 •16 •24	.62 .10 .06	.23 T	.04	•21 •13 •20	.44 .29 .29	T •01							
CLAYSVILLE 3 W CLEARFIELD CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW OAM	2.71 1.41 1.91 5.24 1.90	T •02	Т	.29 .18 1.24 .10	.05 .03 T	T T		•03 •02 T	T	1.60 .45 .71 2.04 .32	.12 .08 .19 .01	т	+02 T	+04 +01 T			.35 .20 .11 T	.15 .07 .32 .04	.10 T .93	T •06 •02	T 02	.25 .22 .27 .82 .57	.03 .08	T •05	•01					
CONFLUENCE 1 NW CONNEAUTVILLE CONNELLSVILLE CONSHOHOCKEN CORAOPOLIS NEVILLE IS	1.94 2.82 1.82 6.14 1.10	•41	T T .88		•06	T •01		T •05		.27 1.42 .38 2.03	•14 •17 •03 •03	T • 75	T •03 T	•01 •02 T •03		T	.19 .15 .16	•18 •38 •13 •11	.35 .97 .27	.02 T .01	T	.63 .17 .66 1.34	. 04 . 06		T					
CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 WSW CREEKSIDE	2.52 1.76 2.01 1.97 1.00	•25 T		.08 .25 .36 .45	T T	Т	T	T	•01	1.24 .63 .90 .92 .35	.06 .09 .18		.04 T T	т		.09	.31 .09 T	.03 .10	T T	.04	. 231 T	.11 .30 .38 .50	•15 •19 •03 T	*10 T	T					
CRESSON 2 SE OANVILLE DEVAULT 1 W DIXON DONEGAL	1.44 3.06 6.04 2.14 2.36	т	.01		•06	т	.04	•02 T •03	. 21	.08 .81 1.76 .50	.08 .14 .05	т	•02 T •01 •05 •01	T T		T •14	.38	.28 .08 1.00 .04 .34	.10	•20 •22 •05	.45 .02 .24	•64 •57 •40 •36	•07 •07			т				
OONORA DOYLESTOWN OU BOIS FAA AIRPORT OU BOIS 7 E EAST BRAOY	1.13 4.64 1.30 1.27 1.07	T T	T 1.30 .19 .05	+04 +16 +03	•01 T	T	•02	.08 T T	•15 •23 •04 •05	1.34 .19 .44 .30	•03 T •04 •15		T T T	Т		.02 .21 .07	•19 T •18 •22 •03	.25 .83 .02		T T T		T 1.17 .22 .23 .30	•01	т						
EBENSBURG EMPORIUM 1 N ENGLISH CENTER EPHRATA ERIE WB AIRPORT	1.63 1.44 2.41 3.93 2.13	•12	1 • 02 T T	.28 .26 .53	.01	Т	т	Т	•02	•11 •45 1•21 1•45 •46	•10 •11 •09	т	T T T	т		•08	.25 .13 .07 .07	•31 •14 •05 •70	.20 T	.05	.14	.38 .30 .39 .63	T •05 •02	T •02						
EVERETT 1 SW FARRELL SHARON FORD C1TY 4 S DAM FRANKL1N FREELANO	2.76 2.18 1.00 1.58 1.58	• 06		.21 T	.09 .20 .06 .04	•12		•07	.10	1.05 1.41 .50 .90 .30	•03			•02 •05 •12		•17	•14 •15 •12 •16	.06 .19	• 47	•28		.60 .13 .18	T •02	.04						
GALETON GE1GERTOWN GEORGE SCHOOL GETTYSBURG GLEN HAZEL 2 NE OAM	1.07 5.74 4.72 4.09 1.72	.07 .03	.08	.37 1.87 1.17 1.01	.13			.02 T	т		.17		Ţ Ţ	T •02			•01 •27 •19	.05 .10 .18 .27	•64	*04 T *03 T	-01	.32 .78 .98 .51 .23	•17 •04	.10	т					
GLEMMOORE GLENWILLARO OASH DAM GOULOSBORO GRATERFORD GRATERFORD 1 E	5.52	•04 T •06 •12		1.45 1.07 1.31 1.85	.10	т		•02		2.00 .81 1.86 1.05 1.60	•03 •06 •09		Т	•02 T T •02		.01	.04 .33	.06 .08 .09	1.00	.01 .05	.04	1.02	T •07			Ť				
GREENSBORO LOCK 7 GREENVILLE HANOVER HARRISBURG W8 AP R HARRISBURG NORTH	2.61 2.28 4.34 4.10 4.41	-01	1.16	1.13	.03 .02 .09 T	•03 T	T	•09 T •01 •03	T .44	.95 1.57 1.39 1.00 1.40	.09 .03 .02	Ť	·01	• 01		.20	.17 .18 .22 .07	.10 .02 .22 .59	.45	T •02 •15	.03 T .25	•35 •65	•01							
HAWLEY HOLLISTERVILLE HOLTWOOD HONESOALE 4 NW HONEY BROOK 1 W	4.84 2.36 5.57	.07 .05 .06 .05	T •01 T	.73 1.23	•02	T T	Т	Ť	т.	2.21	•13 •07 •10 •09 •03	•02	•02	.04 T			.06	.02 .04 .03 .07	.15 .80	.01 .02 .01 T	.02 .01 .01	.68 .60 .67 .52	.05 .03 .02 .06		Т	T •02				
HOP BOTTOM 2 SE HUNTINGOON HUNTSOALE HYNOMAN INDIANA 3 SE	1.83 2.20 4.49 2.64 1.44	•05		.93 .33 1.02 .14 .23	.16	T		T T •04	•01		.18 .09 .04	Т	•0B T T	T T		Т	.05 .13 .22	.18 .04 .12 .26	.05 T .66 .67	.02		.65 .60 .46 .24	T T							
JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN KANE 1 NNE KEGG	2.09 2.98 2.26 1.86 3.08	T T •02	•21		•02 •17 T	Ť		•02 T		1.50 1.66 .81 .61 1.11	.07 .03 .13 .21	т	•02 •04 T	•02 •02 T		.03		.13 .02 .34 .33	.03	.08 .07 T	1.12	•11 •36 •25	T T T • 0 2	•03	T T					
KITTANNING LOCK 7 KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA	.95 4.36 3.71 3.24 4.40	T	• 95		.04	T		•03 T	.03	.46 1.48 1.10 1.02 1.67	• 05	!	T T	•03 •06 •05		т	.10	.15 .06 .04 .06	.47 .44 .12	•04	.09 .08 T	•52	•17 •03 T			т				
LANDISVILLE 2 NW LAWRENCEVILLE 2 S LEBANON 4 WNW	3.78 1.71 4.20	•01	*01 *11 *01		Ť			T	T •01	1.59 .53 1.62	•01					.08	.11 .04 .06		.60	.01 T	•02	.47 .43 .57	T •04							

Continued									אע	711	ıΙ	Ph	(E	CH	PII	Α	TI	Or	4											PENNS	YLVANIA
Station	Total													Da	y of M	lonth														NOVEMB	ER [96)
HIGHTON	4.1	1	2	3	1.3		6	. 7	8	9			12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 30	31
ROY WISTOWN CK MAYEN NG PONO 2 N	2.4 3.5 1.6 3.8	2 2 2			1.0	2 8 T	1 T 1		T T	T	1.60 .82 4,1.59 .90 2 1.79	• 30 T	T	T	•01	T		•12 •07	.05 •10 •02	.28	.03	.04 .02	•52 •47 •39	*02	2		ī				
NCH DERA HAFFEY PLE GLEN PLETON OEPOT	2.2 1.6 1.5 5.3 2.6	3 .0			• I • 3 • 3 ! I 1• 1 • 3	6 •0 0 •0 2	3 5 • (		•0	2	.80 .56 .35 1.55	.06 .17	• 03	Т	.03 T			.20 .19 .26 .03	• 30			Т	.25 .23 .19 I.15	.01 T .03	.02						
RCUS MOON RION CENTER 2 SE RTINSBURG FAA AP TAMORAS LONNELLSBURG	4.9 1.2 2.5 4.3 4.3	2	6	1.5	+2	1 •0 3		16	•0:	2 .2	+30	.10	T	T T	•01 •10		T .12	1 •18 •31	1.02 .09 .35	T •42	.09 T	.49 T	.65 .25 .22	.02 T	: Т						
NEESPORT AOVILLE I S DIX RUN RCER 2 NNE RCERSBURG	2.2 1.4 3.3 3.8	9 • 2 9 T	1 т		•0:	3 .0	7 2 T		• 0 : T T	2	1.35	.08 .11	•48	T T	* 08		т	.08 .18 .18		.45	т	T T	•41 •17 •24 •18	•0I •06	т						
PERSDALE LANVILLE LLMEIM LLVILLE 2 Sh LROY	2.31 2.68 3.20 2.71 2.75	0 T			•0! •9! •5! •9!	5 T	T		T	.0:	1.20 .40 1.62 3 .80 1 1.28	•34 •33 •05		T T	.05 T			•15 •10 •14 •03	.27 .09 .18	.19	.04	T T	•56 •42 •55 •25 •59	.09 T							
NIGOMERY LOCK AND DAM NIROSE RGANTOWN GRETMA 2 SE ERSTOWN	1.65 2.41 5.52 4.53 3.42	•05		1.8	.98	.1	•0		, T	.10	1.02 .42 5 I.68 4 1.35	•11 •03 •32	т	•03 T T	T		.05 .15	•15 •31 T	.08 .09 .91	*15 T	.01	.45 .04 .45	.03 .10 .35 .38	T •18	т	T	т				
TRONA LOCK & CHAMINY FALLS CASTLE 1 N HELL PARK	.90 5.11 1.94 2.05	Т		1.2		•05	3 5 T		•10	T	1.16 .41 1.28 1.10 .85 2.00	•04 •03		.04 .01	•01		* <sup>04</sup>		.28 .70	.33	.07	.39	.16 .79 .21		T						
NPORT STANTON TRIPOLI RISTOWN RTH EAST 2 SE	3 · 8 3 I · 6 8 4 · 3 1 5 · 7 2 2 · I 4	·05		T 1+3	.91 T B .03 6 1.46	T .14	, T	.04	* *01 T	T +35	1.50 .20 1.56 1.65	•14		T •01 •02	•01		.05	•21 •10 •19 •04 •04		.45 .02	.04 .10	.06 .05 .02	.54 .30 .54 1.10	T •02							
FELL 2 NW M MERTON KER IPACK 2 WNW	1.59 5.38 3.54 .89 3.91	•05		1.5	•56 1•57	•03	т		т	•02	.36 1.52 .86 .51 1.37	.04		T T	T T	T		.09 .18 .01 .17	.04 .06 .46	•56	.09 .62 .05	•01	•14 •48 •70 •36	•01	•04	T					
L DREXEL INST OF TEC LAGELPHIA W8 AP R LAGELPHIA PT BREEZE LIPSBURG FAA AP ENIXVILLE 1 E	5.22 4.60 4.87 .90 5.35			1 • 4 4 1 • 3 5 1 • 3 5 • 3 1 1 • 5 2	T	•01	Т	•01	т	• 06 • 09 • 09	1.18 1.03 1.23 1.19	T		•01 T	.04 T		.02	T •04	.04 1.12 .97 .97 .02	.28	.06 .05	.05 .49 .38 .39	.71 .80 .74 .76	• 04 T	т		.03				
ES CREEK TSBURGH W8 AP 2 //R TSBURGH W8 CITY R ASANT MOUNT 1 W T CLINTON	2.37 1.53 1.25 2.09 4.09	*01 T	Ť		.73 .05 .01 .58	T	T T	T • 01 T	T •03	Ť	•67 •19	.29 .01 T		•02 T	т		.30	.08 .10	.05 T T	.10	•10 •03	* 45	.58 .45 .16 .13	•02 7	т ,	т					
TSVILLE NETYVILLE 2 SE OAM KERTOWN 1 E MONO OING W8 CITY R	3.32 1.03 4.89 2.01 4.93	•02		T 1+35	.97 .05 1.48	•10 •02	•01		•02	•02	1.70 .39 I.74 .80 I.92	.05 .02 .13		.01 .01	T •03 •01			.03 .12 .04	.09 .23 .10 .05 .32	.28	T	T .07	•61 •18 •72 •38	T • 03 • 03	•03						
OVO ES LANGING L 6 GWAY HVILLE	1.77 2.89 2.50 1.35 2.02	.03	•01		•37 •31 •15 •98	*05 T	T • 0 3		T T •06		.93 .90 1.20 .43	•02 •24 •02 •15 •05	т	T •02	•03		•03 T	.04 .07 .08 .21	.66 .04 .20 .18 .21	T •31 T		.33	.26 .33 .34 .41	.01 .09	•67	т					
SELL AMORE 1 S INA 3 W TON ENLEY LOCK 5	2.25 1.67 1.02 2.38 1.02	+08 T		Т	•12 •10 •02 •36	•15 •05 •03	• 04	т	*06 *12 *05 *04 *03	•30	.80 .95 .15 .76	•08 •04 •02		т	т		T .15	•15 •14 •12	.09 .37 .10 .01 .26	T •30	T	Т	.43 .33 .10 .15	•10 •04	.15 T	.03		Ì			
ANTON MATON W8 AIRPORT MOKIN PPENSBURG NEMAHONING	2.20 2.80 4.23 4.15 1.62	*12 T T	т	•87	*	1.86	Т		T T		.38 .85 1.07 1.90	.16 .03	.10	T T	T		T T	•02	. 24 . 41 . 62	т	.04	•10 T	.19 .89 .67	T •75	•01						
RVILLE PPERY ROCK ERSET FAIRVIEW ST H MOUNTAIN ING GROVE	1.72 1.18 2.51 6.51 5.24	T		т	•26 •13 •76 1•39	.01 .06	•05 T	Т	T • 0 3 T		.65 .65 .85 3.90	•23 T	• 06	T T				•15 •14 •20 •05	• 46	.49	т	т	.22 .02 .18 .45	•25 •06	Т	Т	T				
TE COLLEGE STOWN USSTOWN WOSBURG P CREEK	1.95 2.58 3.85 4.12 1.18	*02 T		1.44	.41 .29 .91 T	.07	т		T •01 •01 •02	T T	.68 .85 1.57 1.40	•13 •13 •02 T		•01	T •03		т	•17 •12 •03 •07		.88 .09 .43 .58	•05		•42	T •01 •02	т	T T					
URY UEHANNA OUA QUA 4 N OAM ESTA 2 SE OAM	2.97 1.69 4.68 3.40 1.56	.02 .06 .02 .03	•02		1.29 .49 1.15 .84	•02	T • 01		T T	•03	·25	•05 •17 •11 •05			•02 T		т	.02	.03	.28 T .23	.05 .16		•15	•11 •28 •05 •12							•
SVILLE WATER WORKS MANNA E00 4 W NOA 1 ESE R CITY 2 E	2.12 4.36 2.06 2.35 4.38	•21 •05 •01 •02	Т	• 78	.05 .37 .04 1.00 1.43	•02	T T		.05 T	•02	1.05 1.81 .84	•26		•06	T • 0 3 • 0 2		•12	.28 T .10	•36 •24 •08	Т		.03 .05	.30 .37	•13	.04 .03 T	•02 T					•
NE 4 NE BALO EAGLE N CITY FILT PLANT NTOWN ERGRIFT	2.32 1.76 2.41 2.56 1.13	•13		•05	.79 .26 .05	•05 •07 •04				т	.80 .65 1.07	.01 .12 .19 .06		•04 •02	•03		.09	.20 .08	.10	.08	•05 T	•01		•02 •02 T	.09						•
INVILLE EN ONTOWN ESBURG 1 E SBORO 3 S	3.55 1.76 3.03 3.01 1.54	• 04	•01	1.01	1.17 .14 .08	T •02	T T		T •07 •09	.10	1.52 .63 .78	•01 •17 •06 •13	т	T T	T • 0 4 T		• 05	.10 .08	26 24 24 25	•27	•06 •16	т	.04 .28 .40	T • 09 T T	.06 T	т					•
CHESTER GROVE 1 SE HICKORY ESBURG ES BARRE	- 5.98 1.71 - 2.35	.05 .07 -	•03 -	•19 •14	1.20	1 •12 •03	T '	-	_ T		1.87 .78	.01 .04 .04	r ı		T •02		.04	.07 .18 .	23	.93 .15	.05 .10	•10 •10 1	.03 .16 .23	•11 •10	.03						
IAMSBURG IAMSPORT W8 AP SBURG	2 • 71 2 • 47 2 • 38			.74	•38	•03 T •08	T T •01	Т	T T			•14		•02			.03	15	18	. 28	19		•51 •51 •36 •38		.01	T	T				•
												See refer	ence no	ites follo	unna Stati	on ! )															

See reference notes following Station Ind

PENNSYLVA NOVEMBER 1

Continued				-									Day	of M	fonth					-											
Station	Total	1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		23	24	25	26	27	28	29	30	3
YORK 3 SSW PUMP STA YORK HAVEN 21ON GROVE 21ONSVILLE 3 SE	4.23 3.78 2.90 4.36	•02	•92		.04					1.58 1.42 1.08 1.60	.10		Т			Т	.21 .18		.58	.02 .03 .35	.01	.41									

Day Of Month

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Avera
LLENTOWN WB AP	MAX	54 32	53	42 33	46 29	49	45	51 24	53 38	50 32	58 43	49 36	51	43 31	46 32	52 30	5 A 30	45 37	37 32	42 25	37 31	46 37	50 35	45 32	47 29	40 26	45 24	51 22	5 R 3 O	62	62	49.0 30.3
LLENTOWN GAS CO	MAX	47 34	55 28	54 32	42 32	46 28	48	46	54 28	53 32	5 9 3 7	55 42	49	52 32	43	46 30	52 28	59 33	46 34	38 27	43	42	49	51 33	45 32	48 26	40	45 24	50 28	58 28	62 22	49.2
LTOONA HORSESHOE CURVE	MAX	47	50 28	44 32	36 31	43 32	43	56 23	49	45 33	53	47 40	45 24	42	46 35	54 27	51 35	47 38	42	39 25	38 29	63 32	52 32	41	46	41 25	42 18	48	53 24	56 25	58 27	47.2 29.9
RENDTSVILLE	MAX	49	52 32	53 34	41 31	45 33	45 31	46 23	54 28	51 37	58 41	51 42	54 25	50 29	46 39	51 26	55 30	51 39	47	40	41 29	42	48 42	51 33	46.	49	43 28	42	4 A 3 4	53 31	58 30	48.7 32.0
USTINBURG 2 W	MAX	51 35	48	46 27	38	37 22	43 27	40 17	52 22	49 25	51 29	55 30	39 27	43 25	46 32	41 18	50 22	45 25	34	32 16	37 19	42 31	50 37	45 28	42 30	3 9 2 5	40 14	44 15	50 19	55 22	59 22	44.8 25.0
AKERSTOWN 3 WNW	MAX M1N	48	48 36	45 34	40	44 32	44 22	52 21	51 37	50 39	55 42	55 40	47 32	45 35	46 33	56 28	58 41	50 46	53	38 24	40 28	60 36	57 34	42 28	47 34	45 26	45 21	51 26	5 9 3 3	60 35	62 32	49.8 32.4
EAR CREEK OAM	MAX	42	47 21	50 28	36 30	36 21	40 25	37 14	47 21	45 29	53 33	50 39	40 25	47 24	36 30	38	44 27	50 32	45 32	34 21	36 24	38 28	42 33	4.4 2.8	41 29	40 22	34 14	42	52 24	57 26	60 22	43.4 25.8
ELLEFONTE 4 S	MAX M1N	50 36	48 30	52 34	40 30	46 34	48 32	45 21	54 32	50 34	54 36	56 36	44 28	49 29	45 34	46	50 26	48 28	43 31	36 22	41 25	42 32	61 39	44 30	36 <sub>26</sub>	45 27	40 18	40 14	47 17	53 21	52 20	46 • 8 28 • 1
ERWICK	MAX MIN	51 29	53 26	40 32	39 29	41 26	43 23	51 19	46 36	51 37	58 42	47 35	46 26	41 28	45 31	50	45 23	43 38	39 30	40 21	37 30	51 36	47 33	43 31	45 25	38 26	44 20	52 19	55 20	57 20	55 20	46.4 27.8
ETHLEMEM LEHIGH UNIV	MAX M1N	46 38	42 32	40 33	38 32	41 32	39 33	43 28	45 40	44 36	54 42	45 43	51 35	37 35	40 36	46 34	52 37	49 38	38 32	38 31	35 31	44 33	44	43 40	42	40 33	35 30	38 28	45 31	48 36	50 26	43.1 34.5
LAIRSVILLE 6 ENE	MAX	44 32	48 32	40 30	36 30	39 33	39 23	53 27	45 40	46 39	51 40	43 36	43 27	3.8 3.2	43 33	57 33	52 42	55 44	50 29	34 24	35 29	58 33	49 26	37 24	38	39 27	39 21	46 28	52 34	55 37	58 30	45.4 31.5
LOSERVILLE 1 N	MAX	49 34	51 32	52 34	41 30	44 33	47 34	47 25	53 33	49	58 42	51 44	53 31	50 33	47 37	50 29	55 36	49 40	44 37	40 26	42 28	40 32	50 37	51 32	47 34	48 27	44 25	44 28	51 32	52 32	58 32	48.6
RADFORD FAA AIRPORT	MAX	40 34	44 32	38 31	35 30	39 28	38 21	50 19	44 31	45 32	51 40	40 30	45 23	38 30	38 21	54 18	44 27	40 30	30 23	33 15	33 26	46 33	42 26	36 26	39 28	37 23	44 12	50 18	57 27	61 26	64 22	43.2 26.1
RAOFORO 4 W RES	MAX MIN	41 33	46 31	44 25	37 28	41 29	38 27	51 16	47 36	45 25	50 39	46 33	46 22	38 28	39 30	51 16	39 22	38 29	32 25	34 14	34 21	46 30	41 28	36 25	40 30	39 24	42 11	48 11	55 14	58 18	55 16	43.2
JURGETTSTOWN 2 W	MAX	48 28	47 35	52 30	45 33	45 37	45 17	45 17	51 22	51 35	50 43	57 42	45 35	45 34	45 36	50 25	58 26	53 41	58 36	37 23	41 27	48	60 40	44 28	48 28	44 21	45 12	44 12	52 17	59 18	60 17	49.1 28.3
URNT CABINS 2 NE	MAX Mln	50 29	52 26	50 32	40 27	46 33	46 32	53 18	52 41	50 35	56 43	51 35	50 22	50 28	50 29	57 22	55 28	55 40	43 33	40 22	30	53	50 38	44 32	48 31	46 21	44 19	50 14	53 19	61 18	63 18	50.3 28.1
UTLER	MAX MIN	50 35	47 34	53 34		45 31	46 24	45 20	52 24	51 37	50 40	55	30	48 34	45 36	48 26	59 28	53 42		47 26	41 27	47 34	56	30	49 31	48	15	46 18	55 21	60 22	60 21	50.2 28.8
CANTON 1 NW	MAX MIN	45 30	43 30	45 30	35 28	34 20	40 24	38 20	44 25	48 30	47 32	55 38	45 28	39 25	40 30	40 25	45 25	45 28	35 30	30 20	30 22	36 28	42 34	43 30	40 30	40 26	39 20	40 20	44 23	50 27	54 30	41.7 26.9
CARLISLE	MAX	54 34	53 30	43 34	45 30	49 32	49 34	56 23	51 40	49 34	58 41	58 45	51 26	49 32	51 40	55 28	50 31	46 41	42 32	42 25	42 30	50 38	52 44	48 33	50 30	44 23	45 24	50 20	55 21	59 22	60 21	50.2 31.3
MAMBERSBURG 1 ESE	XAM	50 28	53 27	42 32	43 28	47 33	47 28	53 22	52 38	49 35	59 44	53 41	49	47 30	52 39	55 28	53 30	45 40	41 32	43 23	41 32	51 36	51 35	45 33	49 28	43 24	42 22	47 23	50 27	55 22	59 22	48.9 30.2
CLARION 3 SW	MAX	45 36	51 32	47 31	40 30	46 33	43 30	51 19	49 34	48	57 42	51 39	44 33	45 31	46 23	46 29	46 38	41 37	40 25	39 25	44 34	52 28	50 27	47 28	51 24	45 14	51 15	57 21	59 20	60 17	59 20	48.3 28.2
CLAYSVILLE 3 W	MAX	47 26	53 26	44 28	45 33	46 33	49	55 20	50 38	50 33	53 44	47 42	48 35	45 36	52 32	59 25	56 35	62 48	50 34	41 28	41 30	61 39	51 32	44 25	46 29	46 20	44 12	54 12	59 14	60 17	64 14	50.7 28.6
LERMONT 4 NW	MAX	42 37	46 36	40 28	40 30	42 28	42 28	55 14	52 38	44 28	54 40	50 36	45 28	40 30	38 30	48 14:	46 20	46 30	34 28	36 10	37 30	46 36	45 33	41 26	42 32	40 22	40 8	46 10	52 15	59 16	60 14	44.9 25.8
COATESVILLE 1 SW	MAX	47 37	55 27	51 32	42 30	46 27	46 30	45 20	54 22	60 35	62 41	56 43	54 32	55 28	44 32	49 27	52 31	55 35	50 39	40 29	42 28	43 32	49 42	52 35	44 28	49 24	44 26	47 30	50 33	54 30	61 24	49.9 31.0
CONFLUENCE 1 SW OAM	MAX M1N	49 33	44 25	53 25	42 33	43 36	41 27	45 22	52 23	49 33	57 39	48 39	44 28	53 30	42 36	46 26	59 27	56 36	62 37	39 28	40 28	49 34	56 40	46 28	52 28	44 22	41 16	43 16	52 16	54 21	60 18	48.7 28.3
CONNEAUTVILLE	MAX	45 37	47 34	50 35	50 32	43 33	47 31	44 25	46 39	49	51 42	48 39	43 29	48 36	45 32	45 27	58 31	51 40	43 33	37 25	44 27	46 33	48 36	42 30	45 32	43 26	44 13	49 14	5 1 2 1	62 26	64 20	47.6 30.2
CORRY	MAX MIN	39 35	47 35	43	38 32	42 30	30	49 23	49	48	49 41	44 36	45 26	40	41 30	57 24	45 29	44 33	3 4 3 0	41 22	37 28	46 34	44 30	41 29	45 30	44 25	48 16	54	61	64 25	67 22	46.3 28.9
OUOERSPORT 3 NW	MAX MIN	42 30	43 26	37 25	36 27	37 21	38	48 13	47 30	44 26	51 38	41 32	45 18			50 15	42 19	39 29	31 24	33	33 23	48 30	41 26	35 24	39 26	37 22	41 9	50 10	56 15	59 17	59 15	42.7 22.3
DEVAULT 1 W	MAX MIN	56 35	55 30	42 29	47 28	45 29	45 28	53 26		53 34			53 29	42 31	48 30	52 28	55 35	49 36	37 30	41 25	38 28	47 36	50 32	43 31	49 30		44 22	49	54 27	60 31	60 33	49.1 30.5
NOXI	MAX M1N	45 32	47 26						48 18					44		41 29	47 20	48 20	4 1 3 5	37 22	40 22								50 15	55 18	55 18	45.0 25.7
DONEGAL	MAX MIN	43 30	53 24	42 31										42 33			57 32	63 40	45 28	38 24	43 32	61 42	56 25	49 25	50 24	46 23	43 18	51 24	5 2 3 8	61 32	64 26	50.0 29.2
ONORA	MAX	50 35	52 36	51 36			48 26			52 40				48 36		62 30	57 40		5 9					45 30								53.7 33.3
OU BOIS FAA ALRPORT	MAX M1N	40 36	48 34	39 32		45 32	40 25							40 32			44 32		35 27	40 24	37 30	52 37	45 27	39 27	43	39 25	43 18	49	5 5 3 1	57 29	61 27	44.9 29.6
94 8012 7 E	MAX Mln	41	46 28	43			41 30	51		45 30			45	41		55 19			39 32	40				38 27				47 13		55 19		45.4 27.5
AST BRADY	MAX MIN	50 36	54 31	50 32		49 27	45 22	55 20						45 35		55 34	50 32	46 41		45 22	40 27	57 36	56 31	44 30	48 37	45 23	50 14	55	62 17	64 19	61 16	50.9 29.0
:BENSBURG	MAX MIN	43	49 26	37 30		40 32	39 25	55			52 39			40		57 22	50 32		49		35 29	59 33		38 25								45.4 28.6
EMPORIUM 1 N	MAX MIN	45 33	43 32			37 27		41 16	50 17		55 30		40	44		40 16	49 17		37 30					44 26								44.0
INGLISH CENTER	XAM NIM	49 25	51 26	50 29	41 30				52 19	54 30		57 42		49	48 31	44 24	53 19	44 21	42 33	35 19		39 28	53 38	4 B 3 2		44		48 15	49 14	55 16		47.7 25.0
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ERIE W8 AIRPORT	MAX	43 40	47 40	45 38	43 33	43 31	32	47 33	49 38	52 36	48	45 33	32	39	34	33	39	33	32	31	33	41	32 3	33	32	28 2	24	27 3	2 3	38 3	39	34.3
EVERETT 1 SW	MAX MIN	50 36	52 27	51 29	42 30	40 32	45 30	45 19	54 22	54 34	52 40	54 40	50	46 26	46 38	30	56 30	56 38	36	38 22	23		34		31	22	20	12 1	.4 ]	19	18	47.8
FARRELL SHARON	MAX MIN	48 41	49 32	48 39	46 36	47 38	46 30	46 33	52 42	50 38	55 46	46 41	47 37	46 38	49 38	62 36	51 35	48 38	38	33	41 38										74	50.4 34.5
FORD CITY 4 S OAM	MAX MIN	51 35	47 35	54 28	42 31	41 33	47 23	44 20	56 22	50 32	55 43	57 42	45 30	948 33	45 35	48 25	59 27	52 40	52 36	37 24	43 26		39	30	31	24	16	14	15	21	17	49.3
FRANKLIN	MAX MIN	46 36	52 32	48 33	44 33	46 33	46 28	44 32	50 40	50 31	57 42	47 39	50 31	43 36	47 33	59 27	45 32	45 36	39	27	45 28	53 37	29	29	32	25	43 16	16	21	23	63	48.4
FREELAND	MAX MIN	46 31	49 29	43 30	35 31	35 26	38 27	46 24	45 38	43 36	45 36	43 30	49 27	40	40 30	46 25	46 29	43 28	27	37 21	33 26	30	32	27	31	25	20	28	35	42	65 35	29.5
GEORGE SCHOOL	MAX MIN	56 39	53 26	52 32	33	46 29	46 27	46 20	53 24	58 32	61 45	56 43	52 30	51 28	45 27	30	51 28	52 32	38	42 34	42 27	32	40	27	32	27	45 24	26	32	24	59 24	49.8
GETTYS8URG	MAX MIN	49 35	51 31	53 36	39 32	44 33	46 32	46	53 32	53 38	60 42	52 44	54 27	50 34	46	51 27	55 32	54 41	39	27	41 32	34	42	33	36	26	43	29	35	31	58 26	49.0 33.2
GRATERFORD 1 E	MAX	46 38	55 25	51 25	43 28	46 27	47 30	45 21	55 22	55 33	60 32	55 42	50 30	51 29	41 33	47 29	50 29	55 31	37	28	27	31	41			29	24	26	25	25	60 23	49.(
GREENVILLE	MAX	50 34	51 32	51 36	45 32	49 36	47 31	45 25	52 38	50 32	50 43	46 40	49 32	45 36	49 32	60 28	57 36	47 36	38	43 29	28	37	30	30	35	25	16	19	25	28	70 23	49.5
HANOVER	MAX	47 31	54 31	55 32	40 31	46 32	46 30	48	55 25	55 40	60 40	52 44	55 30	51 29	47 36	52 28	54 30	55 36	38	39 26•	42 26	34	50 42	53 33	32		43 26	27	29	28	60 27	31.1
HARRISBURG W8 AP	MAX	54 34	52 30	43 34	30	47 34	47 31	53 24	51 39	54 36	61 47	53 39	50 30	46 35	49 38	52 31	51 31	47	34	41 26	43 34	41	53 37	45 34	51 29	43 27	47 26	22	26	25	60 24	32.
HAWLEY	MAX MIN	44 33	48 24	52 25	39 31	33 25	47 25	43 17	53 17	49 32	52 30	54 43	44 24	49 24	38 26	43 26	50 21	56 21	43 33	35 20	19	38 27	45 37	46 33	27	25	36 14	14	51 14	55 18	18	25.4
HOLTWOO0	MAX	53 38	52 34	43 34	45 33	47 34	44 30	5 4 27	52 39	55 38	60 46	52 39	52 35	44 35	47 33	50 34	50 35	54 42	34	41 29	43 28	41	53 38	43 34	32	42 30	29	27	55 32	32	62 29	34.1
HUNT I NGOON	MAX	50 29	49 30	51 30	43 31	40 33	48 35	45 20	55 20	51 37	58 37	52 47	50 24	46 24	46 34	49 23	51 29	46 39	45 37	38 23	40 23	43 31	60 31	49 34	34	46 23	43 19		14	51 18	53 17	28.
INDIANA 3 SE	MAX	48 30	53 29	42 33	40 32	45 36	42 24	56 21	49 43	47 33	56 42	48 41	50 26	42 31	47 31	59 23	54 30	55 45	53 35	42 25	39 30	61 35	51 31	41 31	28	45 23	15	52 14	59 20	62 23	20	49. 29.
JAMESTOWN 2 NW	MAX	44	49 34	49 35	48 31	44 33	47 29	27	44 38	50 30	49 41	49 39	44 31	46 33	44 33	46 27	58 32	47 41	45 33	36 26	41 22	46 34	50 37	43 31	31	45 23	45 13	15	54 20	61 31	63	30.
JOHNSTOWN	MAX	51 38	48 30	56 34	42 32	43 33	44 32	45 25	61 32	50 37	56 41	54 43	44 29	49 33	43 39	49 29	63 33	59 45	53 40	48 30	40 31	51 36	51 35	47 29	49 34	42 28	22	19	54 22	59 25	62 22	31.
KANE 1 NNE	MAX	45 33	40 31	47 26	40 28	38 28	43 29	40 18	51 23	50 24	50 28	50 36	43 24	46 24	40 30	40 17	51 18	43 30		32 14	38 15	52 31	49 37	43 28	41 28	40 23	10	10	59 13	50 11	53	23.
KEGG	MAX	49 34	52 24	41 31	41 31	43 34	45 26	60 20	51 37	52 35	55 46	46 31	46 23	45 32	48 30	62 30	58 37	47 42	48			63 36	47 29	43 29	50 26	42 23	42 18	17	49 18	55 19	58 18	28.
LANCASTER 2 NE PUMP STA	MAX	55 29	52 23	45 29	45 25	48 25	46 25	55 16	53 30	50 28	61 41	52 39	50 23	45 24	49 25	51 23	51 23	49 38				50 33	50 40	46 31	50 25	45 19	48 19	52 19	5 <b>6</b> 20	62 20	60 22	50. 26.
LANOISVILLE 2 NW	MAX	47	52 27	51 34	41 25	43 28	47 31	21	53 30	52 32	60 42	52 44	52 27	50 30	43 32	47 26	50 28	51 33				33	50 43	51 35	30	24	43 25	26	48 24	55 24	59 22	30.
LAWRENCEVILLE 2 S	MAX		49 37	39 29		42 23	41 27	51 17	46 17	47 27	58 44	47 36	44 26	44 27	42 32	47 19		30					48 33	40 29	30	40 26	14	13	18	55 18		26.
LESANON 4 WNW	MAX		54 32	50 34		43 32	48 30	45 25	52 25	50 38	58 41	54 43	51 29	50 30	44 35	48 28	52 29					42	50	52	43	41	41	45	47	54	58	47.
LEWISTOWN	KAM NIM		53 34	54 33		43 30	49 35	49 24	59 24	52 41	58 39	56 46	49 29	54 32	47 32		56 26						61 35	51 32	50 33	48 26	47 25	20	49 20	53 22	56 22	30.
LOCK HAVEN	KAM		52 32			40 31		48 20	52 23	51 37	55 37		47 27	50 30									60 38	49 31	46 34	45 27	41 18	45 16	50 18	20	56 20	48 • 27 •
MADERA	MAN	46					44 30	39 16	54 20	7,		52 40		42 26				2	7 42			43 31		45 27	27	20	39 12	11	46	50 16	14	24.
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MARTINSBURG FAA AP	MA)			39				53								54 26								41 30	48 27	42 24	41 20	46 20	50 25	56 26	56 25	47. 30.
MEADVILLE 1 S	MA		36			42						49			43 32									43 30		45 25	43 15	17	54 18		61 20	47 30
MERCER 2 NNE	MA:		50	3 35	3 43	46 35		47 29	50 38															42 26		43 23	45 13		59 19		60 22	48
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MIŁLVILLE 2 SW	MA:														43 31									46 31	41 33		42 20		54 17	25	54 24	45 27
MONTGOMERY LOCK AND DAM	MA:			2 4									38					1 5 7 4	4 5 7 3		2 4: 7 3:			43 32			19	22	59 26	28	59 23	50 33
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NEW CASTLE 1 N	MA M I	X 50			3 30				52	2 51	56		3 48					4 4	9 4	3 4	3 4 7 2	1 55 7 27	52 31		48 35		48	15	61	22	68	50 29
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MAX MIN	57 35	55 29	46 35	48 31	50 31	47 29	56 25	61 40	55 36	62 38	53 38	54 33	44 31	49 33	53 31	56 34	51 41	44 33				53 37	46 33	51 31	42 28	48 28	5 1 2 9	56 27	64 27	64 28	51.7 32.4
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MAX MIN	55 42	54 38	46 36	4 8 3 2	47 35	46 35	50 33	6 I 4 I	57 45	62 45	55 41	53 35	45 37	50 37	54 33	61 38	50 44	44 33		40 33	50 38	53 40	4.8 3.8	53 32	4 4 3 1	46 36	50 39	55 39	62 43	62 35	51.4 37.1
MAX MIN	57 41	53 28	46 36	47	47 28	46 26	53 20	60 34	59 40	63 45	55 40	52 29	45 29	49 33	53 26	59 30	50 43	44 34		42 31	51 38	52 37	46 30	52 28	43 26	46 33	50 36	55 39	61 38	62 30	51.3 32.8
MAX	56 44	54 42	46 38	47 34	47 40	47 39	52 35	60 42	58 47	60 46	53 44	56 40	46 41	50 40	53 34	59 41	50 47	47 37		3 9 3 2	47 38	50 38	44 36	48 38	43 36	33	35	52 40	60 44	62 43	50.6 39.3
MAX MIN	42 33	44 30	37 30	35 30	43 32	40 22	47 17	47 37	43 31	50 42	42 30	43 26	40 28	42 26	52 21	51 25	42 35	35	20	29	54 35	27	37 27	22	38 19	39 10	10	49 25	54 18	57 18	43.7
MAX	56 38	52 34	47 34	48 27	47 28	46 27	54 18	56 32	50 30	62 45	52 42	53 28	46 27	49 28	52 27	55 35	50 39	4.8 3.3		39 27	30	52 35	47 33	28	23	45 23	19	55 21	61 22	61 20	50.7
MAX	47 37	52 37	45 36	46 35	44 33	46 26	54 26	51 41	49	54 46	46 41	47 36	47 38	51 32	59 31	53 43	56 37	37 27	41 26	41 32	58 38	48 29	29	28	27	21	24	3 I	29	28	49.3
MAX	48 40	54 40	45 39	46 38	45 37	46 32	55 31	52 45	51 44	56 47	47 43	48 37	47 39	50 37	60 35	55 45	59 41	41 33	42 33	44 38	61	52 32	48 32	50 33	46 31	45 27	54 27	60 34	63 32	63	51 •1 36 • 5
MAX	41 34	41 21	48 22	36 29	34 20	40 26	35 15	44 18	47 27	48	47 29	36 24	42 21	34 27	34 23	40 24	48 27	41 30	34 15	35 18	35 25	41 34	49 29	37 29	26	35 13	14	15	55 20	61 21	41.9
MAX	54 27	56 28	45 28	41 27	43 24	48 26	46 15	54 20	54 28	57 30	54 38	48 24	52 25	43 26	49 24	51 23	52 26	46 33	38 22	40 25	27	47 35	49 30	26	19	15	13	19	56 18	63	48.6
MAX	50 36	48 32	52 33	43 31	39 32	48 29	42 21	53 24	49 33	55 40	57 40	42 28	45 30	43 34	45 23	58 27	51 37	47 34	25	25	33	39	28	29	23	16	15	16	22	19	47.9 28.5
MAX	53 37	52 22	48 33	45 28	47 25	43 32	50 18	54 36	57 30	59 46	49 38	53 29	47 26	45 31	50 28	5 <b>5</b> 30	51 41	34	39 25	37 27	48 31	42	33	30	46 25	24	26	30	22	20	49.9
MAX	54 39	53 32	44 34	44 35	50 33	46 33	53 27	55 43	55 37	60 46	52 41	54 34	45 35	49 38	53 34	55 35	50 42	42 34	43 30	41 33	49	51 36	35	34	30	29	32	33	33	30	50.6
MAX	53 33	51 34	50 30	43 29	43 29	50 29	49 18	52 19	55 29	57 34	56 42	48 25	50 27	49 31	49 19	50 19	42 24	42 32	16	16	42 29	35	29	31	25	16	14	14	16	17	48.6
MAX	47 33	45 32	50 28	42 30	38 33	46 32	43 18	52 18	48 30	55 34	52 39	40 25	. 47 27	42 33	42 19	56 19	43 28	33	36 18	18	33	38	46 28	29	24	13	12	14	17	15	25.7
MAX	46 33	54 34	46 35	42 30	44 36	42 19	55 22	49 42	49 37	55 42	47 32	47 28	33	47 35	58 24	51 36	53 45	5 4 3 3	41 25	40 29	60 36	54 28	42 28	20	22	17	17	20	22	18	49.8 29.3
MAX M1N	47 37	48 28	55 30	41 30	39 26	45 26	45 22	50 22	48 36	52 34	57 41	42 28	47 28	40 31	36 30	46 28	52 30	33	40 27	41 27	31	34	34	45 35	29	24	26	23	29	28	29.6
MAX	45 33	49 29	40 32	35 32	40 24	37 25	48 21	46 36	47 30	54 44	44 36	42 28	36 29	37 33	30	46 26	43 35	36 30	35 24	36 29	45 36	45 34	33	32	26	20	52 22	28	27	26	43.5
MAX	50 32	54 29	48 32	42 30	48 33	45 33	53 23	50 40	49 35	57 40	54 44	48 26	46 30	50 38	54 30	50 30	40	42 32	24	31	36	41	33	32	24	24	22	28	25	24	49.0 31.4
MAX	47 35	50 34	46 35	40 30	46 35	45 30	49 29	49 40	48 40	54 43	46 40	48 33	45 36	48 36	58 30	40	38	32	28	30	37	28	29	33	27	21	24	33	35	33	48.2
MAX	48 33	48 34	48 33	39 30	39 33	45 32	43	53 24	50 35	55 36	53 43	45 29	45 30	43 34	45 25	26	31	34	22	23	31	38	30	31	28	21	20	20	25	25	45.6
MAX	44 32	45 26	48 28	39 28	39 33	38 26	39 22	55 23	46 33	53 39	50 39	40 25	45 25	39 32	45 28	29	42	35	24	25	31	36	24	25	21	11	13	26	25	22	45.5 27.6
MAX	51 30	51 22	36 29	42 30	44 25	42 20	51 15	51 34	29	40	37			26	24	20	34	30	16	25	31	36	30	26	24	13	11	18	15	15	46.3
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MAX	45 37	40 33							31	29	39	27	29	32	24	26	32	32	26	26	33	39	29	29	25	15	15	16	19	18	46.7
MAX				37 29	44 28	40 25	16	35	23	40	35	23	31	25	22	23	32	28	23	23	32	25	25	23	20	10	10	13	15	12	24.3
						36 25			28	38	33	25	24	26	23	26	36	29	19	21	29	32	26	21	24	16	22	33	35	24	42.6
MAX					36 19	39 29	15	50 25	32	42	38	30	25	32	29	21	24	32	20	25	3 3	36	31	31	27	17	16	18	19	18	45.1
	45 31	50 23	50 26	32	27	45 31	4 I 1 7	48 23	47 30	55 38	54 42	48	50 27	41 33	45 30	25	26	37	25			40	33	28	22	21	15	18	21	20	46 • 4 27 • 6
			48 37	45 36	43 37	46 27	57 23	53 45	51 42	59 46	48 44	52 36	38	51 39	61 28	38	50	34	32	34	40	34	30	39	29	22	25	36	27	22	52.2 34.4
						42 31							34	32	22	28	34	31	20	28	35	29	30	32	27	16	17	19	22	19	47.1 28.9
									34	42	42	34	33	35	24	26	42		30	32	37	41	26	28	22	14	13	15	15	14	50.6 27.8
					36 23	43 22	22	23	32	33	37	29	26	28	23	23	43 26	34 27	29 17	34 18	37 26	48 36	43 26	28	38 26	39 16	16	20	52 25	58 28	42.3 25.9
		31	35	27	29	28	23	28	38	40	42	29	31	31	26	31															30 • 2
MAX	52	52 30	43 32	30	47 28	45 28	48	48 42	49 35	58 41	49 35	49 31	30	46	52 28	46 27	37	38	43 26	39	3 2	33	43 34	46 29	45 27	22	21	55 23	55 24	23	47.6
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48 54 56 MIN 37 22 33  MAX 56 52 48 MIN 37 22 33  MAX 56 52 48 MIN 37 22 33  MAX 57 58 32 28  MAX 58 59 52 48 MIN 37 22 33  MAX 59 32 34  MAX 59 35 51 50  MIN 33 34 35  MAX 47 45 50 MIN 33 32 28  MAX 47 45 50 MIN 33 32 28  MAX 47 45 50 MIN 33 32 28  MAX 47 45 50 MIN 33 32 28  MAX 47 45 50 MIN 33 32 28  MAX 47 50 46 MIN 33 34 35  MAX 47 50 46 MIN 31 22 29 32  MAX 48 48 48 MIN 32 29 32  MAX 47 50 46 MIN 31 22 29  MAX 48 48 48 MIN 32 29 32  MAX 46 54 48 MIN 31 22 26  MAX 47 50 66 MIN 31 22 29  MAX 48 48 48 MIN 31 22 26  MAX 46 54 48 MIN 31 22 26  MAX 47 50 66 MIN 31 22 29  MAX 48 48 48 MIN 31 22 26  MAX 46 54 40 MIN 31 22 26  MAX 46 54 40 MIN 31 22 26  MAX 46 55 48 MIN 37 28 50  MAX 46 55 48 MIN 37 28 50  MAX 46 55 48 MIN 37 37 38 30  MAX 46 55 48 MIN 37 28 50  MAX 46 55 48 MIN 37 37 38 30  MAX 46 55 48 MIN 37 37 38 30  MAX 46 55 48 MIN 37 37 38 30  MAX 46 55 48 MIN 37 37 38 30  MAX 46 55 48 MIN 31 23 26  MAX 46 55 48 MIN 31 23 26  MAX 46 57 54 MIN 31 31 31  MAX 46 57 54 MIN 31 31 31  MAX 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54 46 48 47 47 46 53 60 59  MAX 77 53 46 47 47 46 53 60 59  MAX 86 48 46 47 47 46 53 60 58  MAX 77 53 46 47 47 46 53 60 58  MAX 86 54 46 47 47 47 46 53 60 58  MAX 78 56 54 46 47 47 46 53 60 58  MAX 78 56 54 46 47 47 47 56 53 60 59  MAX 87 78 78 48 49 49 37 35 42 47  MAX 82 44 38 34 40 37 35 42 47  MAX 82 44 42 38 34 40 37 35 42 47  MAX 82 44 42 38 34 40 37 35 42 47  MAX 84 42 38 34 40 37 35 43 26 60 58  MAX 77 52 45 66 45 65 56 52 51  MAX 84 14 14 48 36 37 32 52 60 58  MAX 84 12 12 22 29 20 20 61 51 82 27  MAX 84 12 12 22 29 20 20 61 51 82 27  MAX 84 12 12 22 29 20 20 61 51 82 27  MAX 85 54 53 48 45 46 55 52 51  MAX 86 54 56 45 47 48 56 55 52 51  MAX 87 78 82 82 77 24 26 15 20 28  MAX 86 54 55 47 48 40 37 32 20 20 26 15 18 27  MAX 87 78 82 82 77 24 26 15 20 28  MAX 87 88 88 87 88 88 88 88 88 88 88 88 88	MAX 50 53 58 83 49 42 42 57 50 50 MIN 30 29 37 36 38 24 22 32 33 37 38 MAX 48 82 53 31 31 22 20 37 35 42 MIN 32 28 35 31 31 22 20 37 35 42 MIN 34 28 35 31 31 22 20 37 35 42 MIN 34 28 35 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46 54 54 54 54 54 54 54 54 54 54 54 54 54	MAX	MAX 50 53 58 43 45 42 23 23 37 38 43 45 42 87 81 81 82 92 37 38 43 36 48 24 8 22 37 38 48 23 38 48 43 48 42 38 48 48 42 38 48 48 48 48 48 48 48 48 48 48 48 48 48	MAX MIN 30 27 37 30 38 24 22 27 57 50 50 52 46 53 36 MIN 30 27 37 30 38 24 27 23 27 37 38 48 28 27 37 38 48 28 27 38 38 38 38 38 38 38 38 38 38 38 38 38	Name	MAX   SO   SO   SO   SO   SO   SO   SO   S	MAX   SO   SO   SO   SO   SO   SO   SO   S	MAX SO SO SO SO SO SO SO SO SO SO SO SO SO	No.   1		No.   1	1	The color   The	The color   The	The column   The	The color	1	1	1	1	1

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YORK 3 SSW PUMP STA																																	50.9 30.5

# DAILY SOIL TEMPERATURES

STATION AND																Day	of mo	nth															age
DEPTH		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
ERIE CO FIELD RSCH LAB																																	
8 INCHES	MAX	47 46	48 47	47 46	46 46	46 45	45 44		46 44	45 44		45 45	45 45		45 44	45 43	44 43			42 41	41 41		43 42	42 41			41 39				40		43.
LANDISVILLE 2 NW																																	
2 INCHES	8 AM	44	43	44	-	40	40	39	42	42	48	46	41	41	40	40	39	43	43	38	39	40	44	40	39	37	36	35	35	33	34		41.
STATE COLLEGE 2																																	
2 INCHES	MAX MIN	46 43	48 43	44 42		46 42	44 40	45 37	46 44	45 43		47 44	45 40		42 39	42 36	42 38	43 42		40 36	41 38	46 4D	45 40	4D 38	40 38	40 35				36 33	36 33		42.
4 INCHES	MAX MIN	46 44	48	45 43	44 42	46 43	44 41	45 39	47 44	46 44	49 48	48 45	45 42		43 41	42 38	43 39	43 43	43 41	41 37	42 40	45 40	45 42	41 39	41 40	40 37	3 <b>8</b> 36	37 35	37 36	37 35	37 34		43. 42.
8 INCHES	MAX MIN	48 46	48 46	47 45	45 44	47 44	46 44	45 42	47 45	47 45	49 47	49 47	47 44	45 43		43 41	44 41	44	44 43	42 40	42 41	45 42	45 44	43 40		41 39	40 37			38 37	38 35		44.
12 INCHES	MAX MIN	49 48	49 48	49 47	47 46	47 46	47 46	46 45	47 46	48 46	49 47	49 48	48 46	47 46	46 45	46 44	45 43	45 45	46 44	44 42	43 42	45 43	46 45	45 43		43 41	42 40	41 40	40 39	40 38	40 37		45.43.5
16 INCHES	MAX MIN	50 49	50 49	50 48	49 48	48 47	48 47	47 46	48 46	48 47	49 48	50 48	49 47	48 47	47 46	47 45	46 45	46 45	46 45	45 44	44	45 44	48 45	46 44	44	44 42	43 41	42 41	41	41	41		46.0

ERIE CO FIELO RSCH LAS - SLOPE OF GROUNG: FLAT. SOIL TYPE: LAKE TERRACE CLASSIFIED AS CONDITION GRAVELY LOAM. GROUND COVER: RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

LANOISVILLE 2 NW - SLOPE OF GROUNO, GENTLE SLOPE TO THE WEST. SOIL TYPE, OUFFIELD CLAY LOAM, GROUND COVER: PERMANENT BLUE GRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2 - SLOPE OF GROUND, GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE, HAGERSTOWN SILT LOAM. GROUND COVER, KENTUCKY BLUE GRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION, COPPER-CONSTANT

																Day	of m	onth													
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ALLENTOWN WB AIRPORT	SNOWFALL SN ON GND			.6			Т							Т					1.9	Т	1.0 T										
AUSTINBURG 2 W	SNOWFALL SN ON GND				2.0	Т	T							T							T		T	T							
BRADFORD FAA AIRPORT	SNOWFALL SN ON GND			2.0	. B	T	Т							Т	Т						T		1.0	T 1	T						
BRADFORD 4 W RES	SNOWFALL SN ON GND																							1.7 T							
CANTON 1 NW	SNOWFALL SN ON GND				4.5	3	T 2	2						T							T			T							
CARLISLE	SNOWFALL SN ON GND			1.0															Т												
CORRY	SNOWFALL SN ON GND					т															Т		T								
DONEGAL	SNOWFALL SN ON GND			Т								:		T					Т			Т	Т	T							
DU BOIS FAA AP	SNOWFALL SN ON GND	т		1.1	. 4 1	.1	Т							Т							Т		Т	†1	Т						
DU BOIS 7 E	SNOWFALL SN ON GND			T	T T	т								Т							Т		Т								
ENGLISH CENTER	SNOWFALL SN ON GND				1.0	т															T							Н			
ERIE WB AIRPORT	SNOWFALL SN ON GNO	Т			.2										Т			Т	т		Т		.1	Т	Т						
EVERETT 1 SW	SNOWFALL SN ON GNO				1.0																										
FORD CITY 4 S DAM	SNOWFALL SN ON GND																							Т							
GALETON	SNOWFALL SN ON GND				2.0																										
GEORGE SCHOOL	SNOWFALL SN ON GNO																			. 2	Т										
GREENSBORO LOCK 7	SNOWFALL SN ON GND																							Т							
HANOVER	SNOWFALL SN ON GND				5.0	T														1.C	Т										
HARRISBURG WB AIRPORT	SNOWFALL SN ON GND			4.0	3	T													.4		, 1 T									П	
HOLTWOOD	WTR EQUIV				1.0															3.0								ı			
INDIANA 3 SE	SN ON GNO				1 T															T	Т			т							
KANE 1 NNE	SN ON GNO				T 2.0						1		ľ								Т			Ţ				1			
LANCASTER 2 NE PUMP STA	SN ON GNO				, 5														.5		1			Т		1		ŀ			
LAWRENCEVILLE 2 S	SN ON GND			Т	1.5						ļ	k									т						U	ı			
LEWISTON	SN ON GNO			T	1								H								Т										
MARTINSBURG FAA AP	SN ON GNE			3.1	Т	т					l.								Т		T		Т	Т		И					
MATAMORAS	SN ON GNO																			2.0											
MEADVILLE 1 S	SN ON GNO										1									2	1 T	Т			4						
MEDIX RUN	SN ON GNO				1.0									Т								т		T .:	5 T						
MONTROSE	SN ON GNO				11.0			3						T	Т					1		2 .	5	1	2	1	.   1				
NEWPORT	SN ON GNO				9	6	5	4	2	Т	Т			Т							T	T	Т	T				-			
PHILADELPHIA WB AP	SN ON GNO											1							т		Т										
PHILIPSBURG FAA AP	SN ON GNO			2.0	т	т	Т							Т					Т		Т		Т	Т	Т						
PITTSBURGH WB AP 2	SN ON GNI				2 T													1	т				Т	Т							
PLEASANT MOUNT 1 W	SN ON GNI				4.0		,								Т				Т		4	Т									
READING WB CITY	SN ON GNI	1			4	3	2	2	1					Ť	Ť	Т	Т		Ť	Ť	Т.	T									
	SNOWFALL SN ON GNI			3.2	T			,						Т					1.1	T			Т	Т			r				
SCRANTON WE AIRPORT	SNOWFALL SN ON GNI WTR EOU!	0		3.0	2	1	Ť							Ť						Т	Ť										
SHIPPENSBURG	SNOWFALL SN ON GN			3.0	1.0	Т													2.0	Т	1.	0									

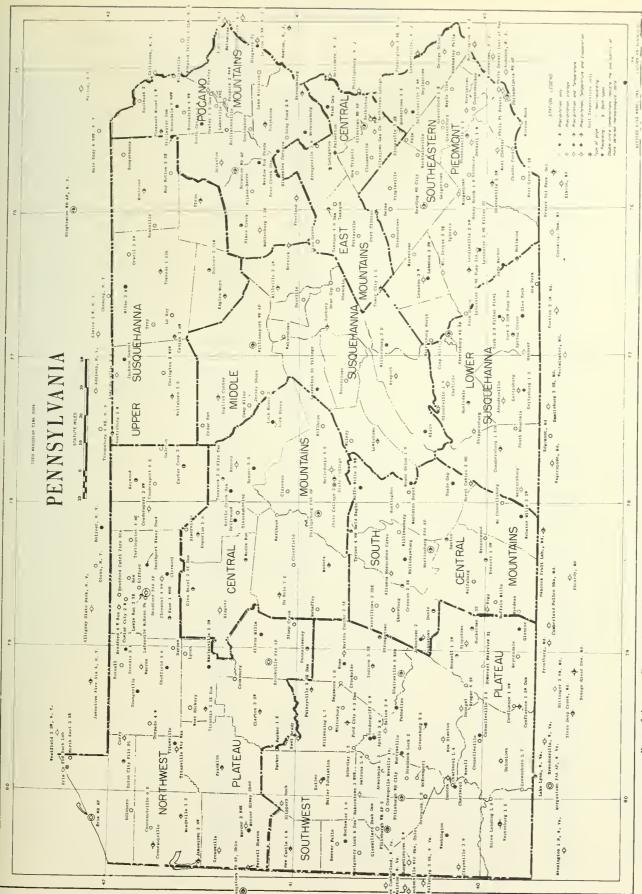
# SNOWFALL AND SNOW ON GROUND

PENNSYLVANIA NOVEMBER 1962

Station																Day	of m	onth									_			_		_
		1	2	3	4	s	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	2\$	26	27	28	29	30	31
TIONESTA 2 SE DAM	SNOWFALL SN ON GNO																				T			Ţ								
TOWANDA 1 ESE	SNOWFALL SN ON GNO				6.0	3	T 3	2	1	т					т				Т		. 5											
TOWER CITY 2 E	SNOWFALL SN ON GNO				4.0	3	1	Т												T	T				,							
WILLIAMSPORT	SNOWFALL SN ON GNO			2.2	1	Т	Т							Т	Т				.1		.8		Т		Т							

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	ive hum	idity ave	erages		Numl	per of da	ays with	precip	itation			e e e
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1:00 A EST	7,00 A EST	1,00 P EST	7,00 P EST	Trace	-10	.1049	-5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sun
ALLENTOWN WB AIRPORT	NW	14	9.8	36++	NW	24	80	82	55	69	2	5	2	1	2	0	12	_	6.1
ERIE WB AIRPORT	S	13	12.9	37++	WNW	24	72	75	64	75	9	4	6	1	0	0	20		7.6
HARRISBURG W8 AIRPORT	NNW	16	6.9	34	W	24	80	B4	59	71	1	4	4	1	2	0			
PHILADELPHIA W8 AIRPORT	ENE	18	10.0	30	NW	22	68	67	49	60	2	3	,	2	2		12	44	6.6
PITTSBURGH W8 AIRPORT 2	ENE	15	7.9	28++	WNW .	22	74	80	55	64	6	5	3	1		0	10	54	6 #4
READING WB CITY	NW	_	9.5	52	Ε	9		_	_	_		- 1			0	0	15	40	7.4
SCRANTON WB AIRPORT	NNW	11	7.0	31	NW	24	72				0	5	3	1	2	0	11	45	6.3
WILLIAMSPORT W8 AIRPORT	W							77	61	66	8	4	2	3	0	0	17	40	7.0
	W	14	7.4	32++	ESE	10	79	82	58	71	7	5	3	2	0	0	17	-	6.9



Maps of Average Temperature and Total Precipitation that have been included in this location each month have been temporarily discontinued. Users requiring these analyses may use the above map to plot and analyze the data that appear else-

	NO.		DE T	300			VATI E AN				NO.		GE 1	TUDE	NOL		RVA:	ND	
STATION	INDEX N	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	PRECIP.	-	SPECIAL der words	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	TEMP.	EVAP.	SPECIAL	
ALLENS MILLS ALLENTOWN WB AP ALLENTOWN SAS CO ALTOONA HORSESHOE CURVE APPOLLO 2 ARENDTSVILLE AUSTINGURG 2 ANERGENON 3 WNW	0099 0106 0111 0134 0204 0229 0313 0355	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR WESTMORELANO AOAMS TIOGA ALLEGHENY WARREN	1 40 32 1 41 12 9 40 39 9 40 36 6 40 30 7 40 35 15 39 55 15 42 00 1 40 39 1 41 40	79 49 78 55 75 26 75 28 78 29 79 36 77 16 77 32 79 59 79 02	254 1500 1060 710 1590	7A 1D M10 7A 7A 6P 6P 8A 8A 7A 7A 3P 3P		C HN	CORPS OF ENGINEERS CHARLES H. ALLEN U.S. MEATHER BUREAU LEHIGH VALLEY GAS OIV. ALTOONA WATER BUR. EUGENE R. YOUNG PA. STATE COL. EXP.STA. OITO D. BACON POH. CUT FLOWER CO. CORPS OF ENGINEERS	KEGG KETILE CREEK DAM KITTANNING LOCK 7 KRESGEVILLE 3 W LAFAYETTE MC KEAN PARK LAKE MINI SINK LAKEVILLE 1 NNE LANCASTER 2 NE PUMP ST. LANCASTER 2 NE FILT PL LANCASTER 2 NE FILT PL LANCASTER 2 NE FILT PL LANCASTER 2 NE FILT PL	4545 4611 4672 4706 4727 4733 4758 4763 4778	LANCASTER	6 39 59 16 41 22 1 40 49 9 40 54 1 41 48 5 41 13 5 41 27 15 40 03 15 40 07	78 43 77 56 79 32 75 34 78 40 75 03 75 16 76 17 76 17 76 26	930 790 720 2130 1360 1440 255 270 360	VAI VAI 7. 6P 61 8A 8	R A A A		PA. STATE COLLEGE
RFAR GAP BEAVER FALLS BEAVERTOWN RECHTELSVILLE RELLEFONTF 4 S RERNE BERWICK BETHLEHEM	0457 0475 0482 0488 0530 0599 0611 0629	LUZERNE NORTHUMBLAND BEAVER SNYDER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON NORTHAMPTON	9 41 07 15 40 50 2 40 46 15 40 45 14 40 51 14 40 51 15 41 04 9 40 37 9 40 36	75 44 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23 75 23	900 760 640 400 1110 325 570 240	7A 7A 3P 7A 7A 7A 8A 8A 7A 6P 6P 8/	8.8	С	CORPS OF ENGINEERS ROARING CREEK WATER CO. MOWARD R. KEMP MARLIN R. ETTINGER PAUL W. EISHER ROCKVIEW PRISON FARM FLOTO W. TRUMP AMER. CAR + FNORY. CO. CITY OF BETHLEHEM LEHIGH UNIVERSITY	LAURELTON STATE VILLAGI LAWRENCEVILLE 2 S LEBANON 4 WAN LEBANON 3 SW LEHIGHTON LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN LOCK HAVEN 2	4873 4893 4896 4934 4972 4984 4992 5104	TIGGA LEBANON LEBANON CARBON BRACEORD MC KEAN MIFFLIN CLINTON	15 40 54 15 41 59 15 40 21 15 40 19 9 40 50 15 41 41 1 41 50 6 40 35 16 41 08 16 41 08	77 13 77 07 76 29 76 28 75 43 76 43 78 39 77 35 77 27 77 27	880 1000 590 490 580 1040 1740 480 680 630	7A 7	A A A A A	CH	LEON MILLER THOMAS OONNACH IE GOODWIN S. DEFREHN LEAMON M. BAUHAN RUSSELL LINEMAN AMERICAN VISCOSE CO. JOHN P. FREY HUGH F. PARKER
RLAIN RLAIRSVILLE 6 ENE RLAKESLEE CORNERS RLOSERVILLE 1 N BOGWELL 1 SW RRADOOK LOCK 2 RRADFORD FAA ALRORT RRADFORD FAA ALRORT RRADFORD CHTRL FIRE STA BRADFORD & W RES BREZZEWOOD	0736 0743 0763 0821 0861 0865 0867	PERRY INOTANA HONROE CUMBERLAND SOMERSET ALLEGHENY HC KEAN MC KEAN MC KEAN BEOFORD	15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 40 24 1 41 48 1 41 57 1 41 57 6 40 00	77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44 78 14	1650	8/	4	с с н н	PA. DEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORP. OF EMCINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD WATER DEPT. PA. TURNPIKE CUMM.	LONG POMO 2 W LYNCH MADERA MAHAFFEY MAPLE GLEN MAPLETON DEPOT MARCUS HOOK MARIFNVILLE 1 SW MARION CENTER 2 SE MARTINSBURG FAA AP	5336 5342 5368 5381 5396 5406 5408	HUNTINGDON OELAWARE DEOREST INDIANA BLAIR	9 41 03 1 41 36 16 40 50 16 40 53 5 40 11 6 40 24 5 39 49 1 41 27 1 40 45 6 40 18	75 30 79 03 78 26 78 44 75 11 77 56 75 25 79 09 79 02 78 19	1700 1610 1463	7A 7 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 A 1 D	0	TMOMAS MECKES CORPS OF ENGINEERS MRS. JULIA J. SMOFF HISS ELLEN J. MILES FRANCES E. SCHEIBMER HRS. I. S. BUCHANAN SUN OIL CO. ROT A. MARKER CORPS OF ENGINEERS 1 FED. AVIATION AGENCY
BROOKVILLE FAA AIRPORT RRICETON 1 S BUCKSTOWN 1 SE RIFFALO MILLS BURGETTSTOWN 2 W BURDT CABINS 2 NE BUTTER BUTTER PUTLER SUBSTATION CAMPOK LINE CAMPOK IN NE	1033 1073 1087 1105 1115 1130 1135 1203	JEFFERSON ALLEGHENY SOMERSET BEOFORD WASHINGTON HUNTINGDON BUTLER BUTLER LTCOHING BRADFORO	1 41 09 10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 55 2 40 51 16 41 16 15 41 40	79 06 79 59 78 50 78 39 80 26 77 52 79 54 79 53 77 20 76 52	990 1100 1140 590	10 HIG 74 74 7: 5P 56 8A 8:	A A A	н с с с н	CLOSED 07/6/62 AUSTIN R. COUPER ALVIN W. MANGES CLIFFORD C. ADAMS SMITH 18/P. MUN. AUTH. PA. TURNPIKE COMM. ROGER CLARK WEST PENN POWER CO. LESLIE O. OOMLING MRS.MILDRED SPENCER	MATAMORAS AC COMMELLSRURG AC EFERDRET MEADOW RUN PONOS MEADVILLE 1 S MEDIS RUN MERCER 2 NNE MERCER 1 NAV SMED MERCERSRUNG MERWINSRURG	5520 557: 560: 562: 565: 565: 566: 567:	D PIKE FULTON ALLEGHENY LUZERNE CRAWFORD FLK MERCER FRAMKLIN MONROE	5 41 22 12 39 56 10 40 21 15 41 13 1 41 38 16 41 17 2 41 15 2 41 15 2 41 14 12 39 49 9 40 58	74 42 78 00 79 52 75 40 80 10 78 24 80 13 80 15 77 54 75 28	439 895 720 1995 1065 1100 1160 1250 615 985	8A 1	7A BA BA 7A 7A	0000	MRS. HELEN M. SHIVES USS MATL TUBE DIV GEORGE PEARAGE CITT OF MEADVILLE
CAPLISLE CARROLLTOWN 2 SSE CARTER CAMP 2 W FFORR RUN CHADOS FORO CHAMRERSBURG 1 ESE CHARLERO! CHARLERO! CHARLERO! CLAFENCE CLAFENCE CLAFENCE	1255 1262 1301 1342 1354 1372 1377 1480	CUMBERLAND CAMBRIA POTTER LYCOMING OFLAWARE FRANKLIN WASHINGTON WESTMORFLAND CENTRE CLARION	15 40 13 16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 08 10 40 09 16 41 03 1 41 12	77 12 78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26	2040 2030 800 170 640 1040 749 1410	6P 61 8 7 7 7 7 9P 91 7 7 8P 7	A A A A A A A	C C C	CARROLL G. MILLER ROBERT F. MAUKEK RICHARO L. MENKEN KATHRYN T. EKEIGHBAUM E. EARL TOUGHTON CHARLES A. BENDER WEST PENN POWER CO. CORPS OF EMGINEERS MISS VELOS AWANCER PA. ELECTPIC CO.	MEYFROALF MILAMVILLE MILLAMVILLE MILLYSUURG 2 E MILLHEIM MILLYILLE 2 SW MILROY MONTGOMERY LOCK AND DI MONTGOMERY LOCK AND DI MONTROSE MOPGANTOWN	573 573 577 579 581 582 AM 590 591 595	O QURHIN O CENTRE T COLUMBIA 5 MIFFLIN 2 BEAVER 5 SUSQUEMANNA 6 BERKS	17 39 49 15 41 56 5 41 40 15 40 32 15 40 53 15 41 06 6 40 43 11 40 39 15 41 50 15 40 09	79 01 76 31 75 04 76 56 77 29 76 34 77 35 80 23 75 52 75 54		7A 5P		c c	CHARLES E. STROUD CHARLES W. DAVIS RUSSELL SHEPLEY NEVIN E. BOWERSON KENNETH LEIGHOW THOMAS C. HARDESOM CORPS OF ENGINEERS RALPH TATUOR PA. TURNPIKE COMM.
CLAUSSVILLE 3 W CLEARFIELD   CLEAVSVILLE 3 W CLEARFIELD   CLERWONT 4 NW COATSVILLE 1 W OM CONFLUENCE 1 SW OM CONFLUENCE 1 NW CONNEAUTVILLE 6 E	1512 1519 1529 1534 1589 1705 1710	LEHIGH WASHINGTON CLEARFIELD MC KEAN MC KEAN CHESTER SOMERSET FAYETTE CRAWFORO CRAWFORO	9 40 37 11 40 07 16 41 01 1 41 41 1 41 44 5 39 58 17 39 48 17 39 50 8 41 45 1 41 46	75 39 80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 80 15	1100 2104 1620 342 1490 1331	7P 7 7 7 8A 6 8A 8 7 9A 9	A A A A A A	0 00 0	WILLIAM J. QOTTEREN MFGRS. L. + H. CO. IRA IAYUM MRS. TILLIE M. SIMUNOS MRS. TILLIE M. SIMUNOS PHILA. ELECTNIC CO. CORPS OF ENGINEERS JOHN L. REIO S. CARLYUE SHELOOM MRS. PALLA J. TAUTIN	MT GRETHA 2 SE MOUNT UNION 1 N MUMLENBURG 1 SE MUMRYSVILLE MYERSTOWN NATRONA LOCK 4 NEFFS WILLS 3 NE NESHANINY FALLS NEW CASTLE 1 N NEWELL	606 609 611 612 615 617 619 623	8 LAMCASTER 7 HIFFLIN 0 LUZERNE 1 WESTMORELAMD 6 LEBANON 1 ALLEGHENT 4, HUNTINGDON 4 BUCK 7 BUCK 6 FAYETTE	14 40 22 1 40 37 6 40 40 5 40 09 2 41 01 10 40 05	76 26 77 53 76 08 79 42 76 18 79 43 77 55 74 57 80 22 79 54	820 1110 900 480 800 900 60 825 805	5P 12M 1	8 A 7 A 110 7 A 2 M	c c c	MT. UMION WATER WORKS INACTIVE Z/SO DAVID C. SHAW MRS.KATHLEEN WANDELL CORPS OF ENGINEERS PA. STATE UNIVERSITY PHILA. SUB. WATER. CO. LEWIS W. MAMILTON GEMERAL CMEMICAL CO.
CONNELLSVILLE CONNELLSVILLE 2 E CONSHOHOCKEN COOKSBURG CORAPDOLIS NEVILLE IS CORRY COUNTRESPORT 3 NW COUDERSPORT 6 E COVINCTON 2 WSW CREEKSIDE	1729 1737 1749 1773 1790 1806 1809	FAYETTE FAYETTE MONTGOMERT CLARION ALLEGMENY ERIE POTTER POTTER TIOGA INDIANA	17 40 01 17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 46 15 41 44 1 40 41	79 36 79 33 75 19 79 13 80 05 79 39 78 03 77 53 77 07 79 12	870 1300 70 1180 720 1440 2020 2425 1745 1035	6P 6 7P 8 8	A A A P	с	MARSHALL 8. MENEFEE HARRY C. JOIT PHILA. ELECTRIC CO. PA. DEPT. FRST. * **TRS** PGH. CORE * CHEM. CO. RICHARO T. MOUNTAIN MISS ELIZABETH MEFT MRS. HERRIETTA D DEITER CALVIN R. PACKARO CORPS OF ENGINEERS	NEW PARK HEWOODT HEW STANTON HEW STRIPOLI HORRISTOWN HO	629 631 632 631 635 662 668 668	9 YORE 7 PERRY 0 WESTMORELAND 6 LEWIGH 10 MONTGOMERY 12 BRADFORD 1 MONTGOMERY CARBOM 21 ARMSTRONG	14 40 41 14 40 07 8 42 12 15 41 55 14 40 26 9 40 48 1 41 05	76 30 77 08 79 36 75 45 75 21 79 49 76 18 75 32 75 37 79 41	986 576 79 1066 1346 389 439 1146	MID M	6P 8A 9A 8A 8A	c	CLINTON J. ALLEN H MRS. FRANCES K. FAY PA. TURNPILE COMM. FRED C. SOSMALO BOROUGH OF MURRISTOWN ELLSWORTH WEAVER ELMER T. MOORE HRS. MELEN ESCHBACH NEW JERSEY ZINC CO. LOUIS A. MALARKEY P. M. NEELY
CRESSON 2 SE CUSTER C17Y 2 W DANVILLEF DEVAUL7 1 W O1HCMANS FERRY O1CON OONEGAL DOWNERAL OOVLECTOWN PRIFTWOOD	1976 2013 2116 2171 2183 2190	CAMBRIA MC KEAN MONTOUR CHESTER PIKE WTOMING WESTMORELAND WASHINGTON BUCKS CAMERON	6 40 27 1 41 55 15 40 58 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 18 16 41 20	78 34 78 41 76 37 75 33 74 52 75 57 79 23 79 52 75 08 78 08	430 750	7A 7 HIO HI 5P 5	A D P	C	PRED A. PLEMPEL INACTIVE 12/59 INACTIVE 12/59 INS. MARIE H. LITTLE PA. TURNPIKE COMM. THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES GEORGE MART SIDNET KENNEOT	PARFER 1 E PAUPACK 2 WNW PHIL DREXEL INST OF T PHILADELPHIA MB AP PHILADELPHIA MB BREEZ PHILIPSBURG FAA AP PHODEN INVILLE 1 E PIRES CREEK PITTSBURGH WB AP 2 # PITTSBURGH WB AP 2	676 688 688 699 699 699	99 PHILADELPHIA PHILADELPHIA CENTRE COMESTER PUZERNE ALLEGMENT ALLEGMENY	5 39 53 5 39 55 6 40 54 14 40 07 15 41 18 11 40 30 11 40 27	79 40 75 14 75 11 75 15 75 12 78 02 76 08 80 13 80 00	33 191 10 132 115 74	0 MID N 7 MIO N 2 MID N 8 MID N 5 SP I 0	41D 41D 41D 41D 7A 41D	C	MISS L. VETTERLEIM FRANCIS K. DAVIS. R. HJ U.S. MEATHER BUREAU ATLANTIC REFINING CO. H FED. AVIATION AGENCY PHILA. SUB. WATER COMM- HARRY SHELOON JU.S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU
OU BOIS FAA AIRPORT DU BOIS 7 E OUNLO DUSHOBE 2 SSW FAGLES MERE EAST BRADY ERENSBURG EHOPIUM 1 N FROGLISH CENTER	2265 2298 2325 2345 2365 2468 2514 2635	D JEFFERSON CLEARFIELD CAMBRIA SULLIVAN CLARION CLARION CLARION CAMBRIA ERIE CAMBRON LYCOMING	1 41 11 16 41 06 4 40 17 16 41 29 16 41 24 1 40 59 4 40 29 1 41 52 16 41 32 16 41 26	78 54 78 38 78 43 76 25 76 35 79 37 78 43 80 08 78 14 77 17	1670 2410 1910	7P 1	P A	C C C C C H	FED AVIATION AGENCY CITY OF DU BOIS MRS - D. E. MMITE ROBERT J. OBERT FRANCIS B. HAMLEY A. D. KEMPEL ROBERT A. WASSER EDINBORD ST. TCHR. COL. MRS. TALLIE M. BRITTON WILLIAM SUCERS	PLEASART MOUNT 1 W PORT CLINTON ROTTSVILLE RUNKSVITAWNEY PUTNEYVILLE 2 SF DAM QUAKERTOWN 1 E RAYMOND READING WR CITY REMOVO REMOVO 5 5	71: 71: 72: 72: 73: 73: 74: 74:	29 WAYNE 35CHUYLKILL 51 SCHUYLKILL 17 JEFFERSON 29 ARMSTROMG 39 BUCKS 10 POTTER 18 BERKS 09 CLINTON 10 CLINTON	5 41 44 14 40 35 14 40 42 1 40 57 1 40 55 5 40 26 13 41 52 14 40 20 16 41 14	75 27 76 02 76 11 79 00 79 17 75 26 77 52 77 48	45 69 130 7 127 9 49 2 222 8 66 6 66	0 7A 0 0 8A 0 5P 0 6 HID 0 7A	8A 7A 7A MID 7A	00 00 0	MRS. ADA E. RARICE LLOYD E. WELLER CARL E. ROTOLO CORPS OF EMGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAM HJ U.S. WEATHER BUREAU ELMER G. BATSCHELET
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STATION	COUNTY	DRAINAGE 1 LATITUDE	LONGITUDE	ELEVATION	TIME A	ND S	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATIO TIME AND TABLES	OBSERVER
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1 ALLTGHENY; 2-BEAUER, 3- 4-COMEMAJOH, 5-DELAWARE, 6-JUNIATA 7-KISKIMINETAS, 8-LAKE ERIE, 9-LEHIGH, 10-MONONGAHELA, 11-OHIO 12-POTOMAC, 13-LAVE ONTARIO, 14-SCHUYLFILL, 15-SUSQUENAMNA, 16-WEST BRANCH, 17-YOLGHICOMENY,

### REFERENCE NOTES

Additional information regarding the climate of Penneylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Penneylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and beating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this bulletin

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in \*F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960,

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Extrice of smowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and its.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Mind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, dayight save for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, E, and J in the "Special" column under the beading "Observation Time and Tables", indicate the following

- C Recording Rain dage Station. Hourly precipitation values are processed for special purposes, and are published later in "Bourly Precipitation Data" Sulletin. 6 "Soll Perspectation" Table. Objection of data in any month indicates no snowfall and/or snow on ground in that month.

  3 "Supplemental Data" Table.

## OTHER REFERENCE NOTES

- OTHER REFERENCE NOTES

  No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
  Interpolated values for sontbly precipitation totals may be found in the annual issue of tobs publication.
  Station Index.

  Station Index.

  And also on an earlier date or dates.
  And also on an earlier date or dates.
  Fastest observed one sizute wind speed. This station is not equipped with automatic wind instruments.

  Thermoseters are generally exposed in a shelter include a few feet above sod-covered ground; bowever, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

  Gage is equipped with a windshield.

  And the control of a building.

  Take equivalent of sometral wholly or partly ectimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or some days of record sissing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full mosth.

  This entry in time of observation column in Station Index means where it may vary alguly from the amounts to be published later in Bourly Precipitation Data.)

  This entry in time of observation column in Station Index means warriable.

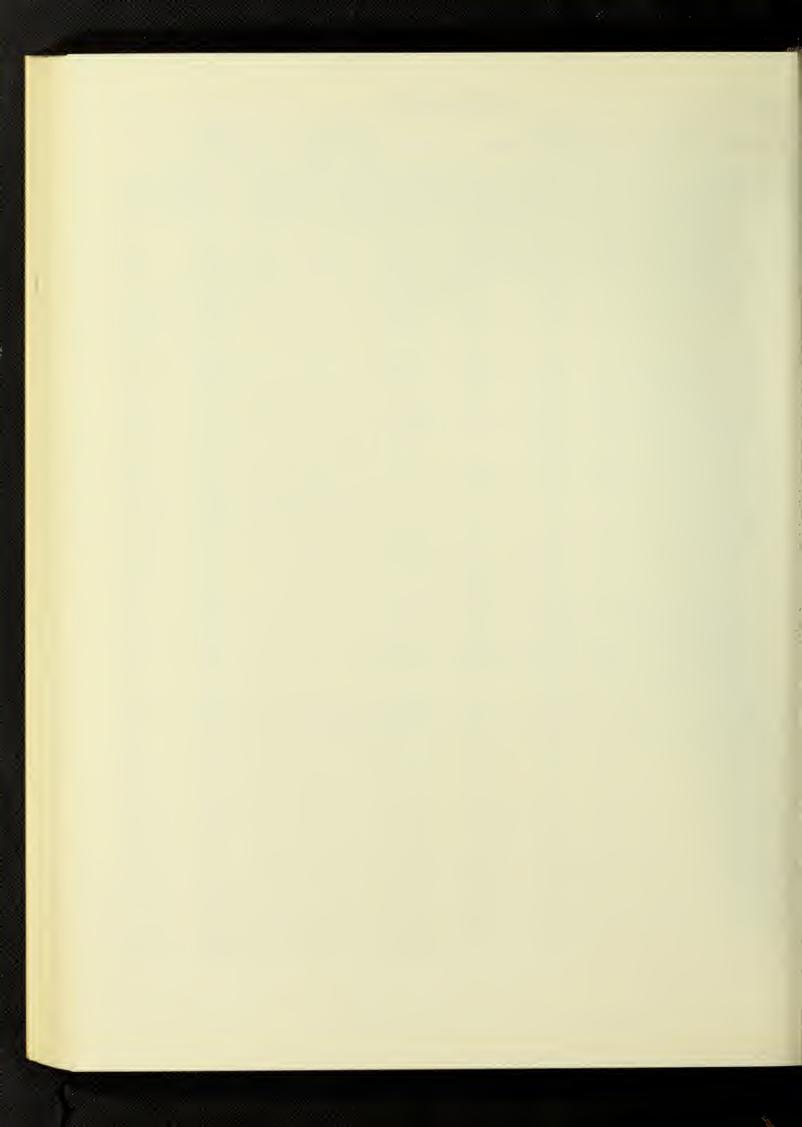
  Weather conditions in the U. S. for each month are described in the publications MONTHLY Wathers REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which

General Weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation Ristory" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, southly and annual; \$2,50 per year. (Yearly subscription Price is the Annual Summary.) Checks and soney orders should be made payable to the Superintendent of Documents. Government Printing Office, Weshindoor of payable to 2, D. C.

USCOMM-WB-Asheville, N. C. --- 1/18/63 -- 1000



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# U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

# PENNSYLVANIA

DECEMBER 1962 Volume 67 No. 12



ASHEVILLE: 1963

MAR 1 1963

### PENNSYLVANIA - DECEMBER 1962

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 69° on the 3+ at Farrell Sharon, and on the 1st at Norristown

Lowest Temperature: -22° on the 27th at Clermont 4 NW

Greatest Total Precipitation: 4.52 inches at Blairsville 6 ENE

Least Total Precipitation: 0.81 inch at Graterford 1 E

Greatest One-Day Precipitation: 2.34 inches on the 7th at Eagles Mere

Greatest Reported Total Snowfall: 55.0 inches at Corry

Greatest Reported Depth of Snow on Ground: 41 inches on the 31+ at Rew

# SPECIAL WEATHER SUMMARY

While several storms during the month added to winter woes in Pennsylvania, conditions from the 29th through the 31st provided some of the most severe weather in a number of years. With the exception of some southwestern and extreme southeastern counties, 4 to 6 inches of snow fell during the passage of a coastal low pressure system that developed in conjunction with a cold frontal passage. Snowfall itself was of only nominal consequence, but the severe drifting brought about by the gale force winds and biting cold that followed the storm and persisted through the end of the month, provided much hardship and inconvenience throughout the State.

Almost as the snow stopped falling during the evening of the 29th, strong, gusty, northwest winds ushered in frigid Arctic air from northern Canada. Sustained wind velocities of 25 to 40 m.p. h. with gusts to 50 m.p. h. and higher persisted through the 31st; while temperatures

remained below freezing with minima near zero in the south and 5° to 10° below zero in northern sections. Extensive drifting was reported throughout the State as the wind-whipped snow was piled 4 to 8 feet high in many places. Despite round-the-clock efforts of road crews, many secondary and rural roads remained closed for several days while work was concentrated on keeping main highways open. Snow removal costs over and above normal operations have been estimated at \$1.5 million by the Pennsylvania Department of Highways.

Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg-York State Airport New Cumberland, Pennsylvania

# CLIMATOLOGICAL DATA

PENNSYLVANIA DECEMBER 1962

				Ten	nperot	ure												Preci	pitotion					
											No. of	Doys							Sno	w, Sleet		1	lo, of	Doys
Station	Average	Average	Averoge	Deporture From Normol	Highest	Dote	Lowest	Dote	Degree Days	70	32° or Below	Below Pelow	, A	Total	Deporture	From Normal	Greatest Doy	Dote	Total	Mox. Depth on Ground	Dote	.10 or More	.50 or More	1.00 or More
POCONO MOUNTAINS																								
AR CREEK DAM REELAND WLEY EASANT MOUNT 1 W RANTON RANTON WS AIRPORT ROUDSBURG BYHANNA	32.8 30.6 36.2 31.8 35.6 31.5 32.7 31.0	10.5 14.7 11.5 8.7 16.9 16.5 12.5	21.7 22.7 23.9 20.3 26.3 24.0 22.6 20.8	- 5.0 - 4.5 - 4.9 - 8.0	68 64 60 56	1 2 1 1 3 1	-15 -14 - 5 -12 - 4 - 6 -15	27 28 31 31 31	1335 1304 1263 1381 1192 1260 1306 1362	0 0 0 0	19 14 19 17	28 31	8 4 5 10 1 2 4 8	2.53 1.26 1.92 2.24 0 2.49 2.20 2.98 3.19	-	2.51 1.10 1.26 .05 .27 .91	1.12 .40 .52 .58 .90 1.19 .96 1.01	22 7 8 6	27.0 17.5 14.5 20.8 13.1 12.9 21.8 26.1	13 6 12 5 11	30 31+	5 6 5 4 8		1 0 0 0 0 0
DIVISION  (AST CENTRAL MOUNTAINS			22.8	- 5.5										2.35	-	.91			19.2					
LENTOWN WE AP R LENTOWN GAS CO ITHLEHEM LEHIGH UNIV LUMETION ORT CLINTON	35.1 38.1 30.8 34.8 37.7	17.5 17.3 21.8 17.5 12.9	26.3 27.7 26.3 26.2 25.3	- 5.0 - 4.6 - 7.2 - 5.1 - 6.1 - 4.8	64 67 54 58 65	1 2 1 2+ 2	- 2 - 2 - 3 - 1 - 5	31 31 31	1189 1149 1194 1194 1222	0	11 19 14	29 30 28 30 30	2 1 2 2 1	2.62 2.95 2.45 2.51 3.81		.65 .30 .80 .73 .23	.83 .59 1.09 2.14	29+	13.9 11.8 17.7 16.8		31+ 31+ 30	7 7 7 6 4		0 1 0 1
OUTHEASTERN PIEOMONT														2007					1701					
ATESVILLE 1 SW VAULT 1 W HRATA ORGE SCHOOL ATERFORD 1 E LTWOOD NCASTER 2NE PUMP STA NOISVILLE 2 NW BANON 4 WNW RCUS HOOK RGANTOWN GRETNA 2 SE RRISTOWN IL OREXEL INST OF TEC ILADELPHIA WE AP RILAGELPHIA PT BREEZE OENIXVILLE 1 E AKERTOWN 1 E AGING WB CITY R	38.7 35.8 38.8 37.5 35.8 37.5 36.5 36.5 36.5 38.9 37.9 38.6 8 38.9 37.9	19.4 18.7 20.1 20.0 18.4 22.3 14.8 18.3 26.5 17.6 18.3 21.6 24.8 28.1 18.3 18.2 22.1	29.1 27.3 29.5 28.9 28.0 29.1 26.2 27.4 4 32.7 28.4 27.6 30.3 31.4 31.0 28.5 4 27.4 27.4 27.4	- 3.8 - 4.3 - 4.6 - 5.6 - 6.6 - 5.3 - 2.9 - 4.2 - 5.9 - 4.5 - 5.5	67 63 65 65 66 57 62 63 64 67 69 67 66 66 67 66 66 67	2 1 2 + 2 2 2 1 2 2 1 1 1 1 1 1 1 1 1 1	1 - 2 - 1 1 0 0 4 1 1 1 3 - 5 - 1 0 3 3 8 8 1 1 3	31 31 31 31 31 31 31 31 31 31 31 31 31 3	1108 1163 1094 1109 1141 1105 1195 1157 995 1130 1152 1037 1048 986 1127 1163 1092	000000000000000000000000000000000000000	11 9 11 13 12 11 11 11 11 12 10 10	28 29 29 30 29 31 29 22 31 29 25 26 23 29 29	0 2 1 0 1 0 0 0 0 1 1 1 0 0 0 0 1 0	2 · 69 2 · 87 3 · 41 2 · 62 · 81 2 · 68 2 · 77 2 · 65 2 · 42 2 · 52 2 · 74 3 · 05 2 · 32 2 · 06 2 · 11 1 · 97 2 · 68 2 · 90 3 · 31		.70 .34 .73 .05 .22 .60	1.25 1.19 1.25 1.07 .43 1.20 1.36 .98 1.40 1.15 1.57 1.57 1.57 1.57	7 6 6 7 2 7 6 7 7 6 6 6 6 7 6 7 6 7 6 7	8.7 12.5 13.0 7.3 12.5 12.6 13.2 14.4 10.2 9.5 5.6 14.0 12.6	5 8 6 4 5 2 3	29 26 30 25 31+ 21 29 22 22+	5576356556655666555	3 1 3 2 0 2 1 1 1 1 1 1 2 2 3	1 1 1 1 0 1 1 1 0 0 1 1 1 1 0 0 0 0 0 0
DIVISION			29.2	- 5.0										2.56	_	. 59	1100		11.0					•
OWER SUSQUEHANNA																• 5 /			1100					
ENDTSVILLE OSERVILLE 1 N RLISLE AMBERSBURG 1 ESE TTYSBURG NOVER RRISBURG WB AP R RCERSBURG IPPENSBURG RK 3 SSW PUMP STA	36.9 37.5 36.7 36.3 37.9 38.8 36.0 37.8 36.4	19.5 20.3 17.8 17.4 20.6 20.5 20.4 17.8 19.5 18.2	28.2 28.9 27.3 26.9 29.3 29.7 29.7 27.8 28.0 28.0	- 3.9 - 5.7 - 6.1 - 4.9 - 4.6 - 5.3	64 66 62 61 65 65 61 60 62 65	2 2 1 1 2 2 1 3+ 1	4 2 1 3 4 3 5 4 3 3	31 31 31 31	1133 1111 1163 1175 1101 1089 1132 1145 1145	0000000	12 12 12 12 13 12	26 31 31 29 30 30 31 29	000000000	2.66 2.27 2.84 2.61 2.59 2.82 3.32 2.66 2.40 2.70	-	.49 .71 .29 .37 .36 .28 .41 .21	.64 .65 1.42 1.23 .80 .88 1.88 .89 1.15	6 7 6 6 6 6 6 6	11.2 13.0 13.5; 14.6; 15.0 16.6 18.3 19.0 15.3	7 8 7 8 6 8 9	29 31+ 31+ 30+	5	2 2 2 2 2 1	0 0 1 1 0 0 1 0 1
DIVISION			28.2	- 5.1										2.69	-	.34			15.1					
IDDLE SUSQUEHANNA RWICK GLISH CENTER WISTOWN LLVILLE 2 SW WPORT NBURY WER CITY 2 E LLIAMSPORT WB AP	32.9 35.7M 37.1 32.6 37.6 36.2 35.2 33.3	13.6 10.4M 17.5 13.0 17.3 13.9 14.7 16.0	23.3 23.1M 27.3 22.8 27.5 25.1 25.0 24.7	~ 5.7	56 59 61 57 57 58 59	2 2+ 4 5+	- 4 - 2	13 31 31 31 31 31	1283 1288 1161 1299 1157 1229 1235 1242	0 0 0	16	31 31 31 31 30	6 7 0 4 0 3 3	2.32 1.35 2.66 3.09 2.68 2.98 3.38 2.87		.37	1.20 .55 .87 1.59 1.10 1.70 1.94	6 23 7 7 7 7 7	16.4 10.8 23.7 15.2 15.5 15.7	6 8 10	29+ 30 31+ 31+ 31+ 8+ 30 11+	65546566	1 2 2 2 2	1 1 1
DIVISION			24.9	- 6.2										2.67	-	.23			16.4					
PPER SUSOUEHANNA STINBURG 2 W NTON 1 NW XON SLES MERE WRENCEVILLE 2 S NTROSE HANDA 1 ESE LLSBORO 3 S DIVISION	34.3M 31.5 34.9 29.9 34.6 31.3 33.6 31.5	12.2M 14.5 11.3 14.9 13.3 13.2 13.8 14.0	23.0 23.1 22.4 24.0 22.3 23.7 22.8	- 4.2 - 5.8	65 60 56 61 59 61 54 61	2 1 4+ 2+ 5 2 2 1	-11 - 9 - 9	31 13+ 31 27 31 31+	1290 1298 1291 1314 1265 1321 1270 1302	00000	23 14 21	30 31 25 31 27 30	8 8 7 7 7 6 6	2.37 2.18 2.01 3.22 2.34 2.34 1.98 2.20		.37	1.54 1.70 1.04 2.34 1.64 .48 1.30 1.29	7 7 7 7 6 7 7	13.5 16.8 17.2 17.6 9.3 24.0 16.3 22.5	12 6 18 6 12 5	16 27+ 30+ 8+ 16 31+ 23+		1 0	1 1 1 0 1
ENTRAL MOUNTAINS			23.1	- 4.3										2.33	-	.18			17.2					
BOIS 7 E PORIUM 1 N CK HAVEN DERA ILIPSBURG FAA AP NOVO DGWAY	31.2 31.7 34.4 31.9 29.0 34.9 33.6	12.2 9.0 14.2 10.1 11.9 11.9	21.7 20.4 24.3 21.0 20.5 23.4 22.3	- 6.7 - 5.0	60 57 57 56 62 55 65	1 1 2 2+ 1 2 2+	-16 -11 - 2 - 9 -11 - 6 -15	28+ 12 13 27 31	1335 1376 1252 1357 1371 1283 1314	00000	21 21 15 19 20 15 19	31 31 31 31 31	5 9 3 7 5 6 7	2.18 2.53 2.33 1.27 1.60 2.33 1.72	_	. 44	.67 1.06 1.24 .65 .82 1.13	6 7 7 7 6 7 7	24.5 25.5 15.0 13.1	14 8 13 11 7	10+ 31+ 10+ 15+ 15+ 30	5 2 4 5	1 1 1 1	1

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Average Moximum	Average Minimum	960J9AV	Departure From Normol	Highest	Date	ts.		Doys	Mo	lo. of	Days				Je	Роу		Sno	w, Sleet		+	1	Days
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28.5 31.0 33.5 30.2N 34.5 31.6 29.4 29.5 35.5 33.5 33.5 33.7 31.3 33.7 31.3 33.7 31.3 32.7	12.5 10.5 13.1 10.1M 14.5 14.5 14.5 14.5 120.2 21.0 15.2 21.0 15.2 21.0 13.8 13.8 13.8 15.0M 12.0 8.9 14.6	24.5 23.2 19.5 22.0 25.2 26.9 28.3 24.4 25.1 23.5 21.1 23.9 24.3N 22.2 19.0 23.7	- 5.3 - 3.8 - 3.9 - 5.6 - 5.6 - 5.2	5 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4+ 2+ 1 4+ 1 1 4 3+ 3+ 1 1 2 1 1 3+	-17 -12 -22 - 8 -10 -19 - 7 -10 - 1 - 10 - 12 -16 -16 -10 -17	27 12 27 13 27 13 13 13 13 13 127 27 12 27 27 27 27 27 27	1367 1283 1370 1247 1288 1406 1324 1174 1132 1253 1267 1282 1353 1267 1244 1322		0 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	31 31 31 30 31 29 31 25 29 31 31 31 31 31 31 31 31 31 31 31 31 31	58 85 44 44 11 14 33 65 55	3 2 2 2 3 1 9 3 4 8 8 4 2 5 1 1 6 1 4 4 2 8 4 2 2 2 1 1 6 1 5 5 2 3 1 1 5 5 5 2 5 7 7 2 2 5 5 5 2 7 6	-	1.67 .20 .55 .30 .05	.97 .66 1.22 .99 1.11 1.44 .77 .55 .99 .66 .66 .77 1.55 .99 .44	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 6 7 6 6 7 6 6 7 7 7 7 7 6 6 7 7 7 7 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 7 7 7 6 6 7 6 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 6 6 7 7 7 7 6 6 7 6 6 7 6 6 7 7 7 7 7 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 7 7 7 6	39.1 17.1 38.0 44. 55. 34.1 26. 30. 17. 25. 23. 33. 46. 13. 22. 32.	8 1 1 5 2 1 1 2 1 1 1 1 1 5 1 1 1 1 5 1 1 1 1	166 166 166 176 186 186 186 186 186 186 186 186 186 18	+ + + + + + + + + + + + + + + + + + +	5 6 9 1 0 6 5 4 1 6 5 5 5 6 9 5 4	2 0 0 0 1 0 1 1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 1 0
	35.0 36.9 38.1 32.8 35.0 30.4 34.6 35.4 33.8 33.7 34.3 34.9 35.0 37.4 37.0 31.5 33.8 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2	35.0 16.6 36.9 17.9 38.1 15.9 32.8 17.3 35.0 17.8 30.4 18.0 34.6 13.5 36.2M 12.7M 36.6 14.6 35.4 15.0 38.0 19.6 35.7 14.7 31.3 16.0 34.9 18.5 35.0 19.6 35.7 14.7 31.3 16.4 31.5 16.0 35.7 13.2 37.0 16.4 31.5 13.6 35.1 13.5 36.6 13.5 37.2 13.3 37.0 16.4 31.3 13.6 35.7 13.2 37.0 16.4 31.5 13.5 31.6 13.5 31.7 2 13.2 31.3 10.8 33.5 33.5 15.0 33.5 15.0 33.5 15.0 33.5 15.0 33.5 15.0 33.5 15.0 33.5 15.0 33.7 13.2 33.8 13.6 33.9 13.8 13.6	35.0   16.6   25.8   36.9   17.9   27.4   38.1   15.9   27.0   25.1   25.5   25.5   25.5   25.6   28.5   27.6   27	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	36.0   16.6   25.8   -5.6   55   3+   1   31+   1206   0   12   31   0   38.1   15.9   27.4   -5.0   68   2   1   13   1157   0   12   31   0   31   1   32.8   17.3   25.1   60   1   1   31   1234   0   17   31   0   18   29   3   3   3   3   3   3   3   3   3	36.0	35.0	36.0   16.6   25.8   5.6   55   34   1   31   1206   0   12   31   0   0   2.07  66   .12   31   11   11   11   11   11   11	35.0   16.6   25.8   -5.6   55   3   1   31   1206   012   31   0   0   2.07   -66   3.57   38.1   15.9   27.0   62   2   -1   13   1157   012   31   0   0   3.42   1.2   3.57   38.1   15.9   27.0   62   2   -1   13   1159   010   31   1   0   2.35   1.2   3.57   38.1   15.9   27.0   60   1   1   31   1234   0   17   31   0   2.35   1.2   3.57   3.5	35.0	35.0   16.6   25.8   -5.6   55   34   1   31   1206   0   12   31   0   0   2.07   -66   .55   6   13.5     31.1   15.9   27.0   60   1   1   31   1157   0   12   31   0   0   3.42   12   .57   9   16.2     32.8   17.3   25.1   60   1   1   31   1167   0   10   31   1   0   2.35   1.00   21   12.3     35.0   17.8   26.4   5.5   60   1   1   31   1234   0   17   31   0   1.90   .76   6     35.0   17.8   26.4   5.5   60   1   1   31   1234   0   17   31   0   1.90   .76   6     35.4   15.0   25.2   5.5   -7.1   66   1   5   25   5   0   1   31   31   6   2.27   .86   6   6   1   5   24.1   3.5	35.0   16.6   25.8   -5.6   55   3+   1   31+   1206   0   12   31   0   0   2.07   -66   .55   6   12.5   7   9   12.5   33.1   15.9   27.0   60   1   1   31   1157   0   10   31   0   2.35   1.00   21   12.3   33.8   17.3   25.5   -5.5   60   1   1   31   1234   0   17   31   0   2.35   .76   6   13.2   12.3   33.8   33.6   13.5   24.1   33.6   13.5   24.1   33.6   13.5   24.1   33.6   13.5   24.1   33.6   13.5   24.1   33.6   13.5   24.1   33.6   13.5   24.1   33.6   13.5   24.1   33.8   13.0   22.2   25.5   62   5+-6   13   1259   0   16   31   4   2.2   2.2   2.2   33.8   13.0   22.2   2.2   6.2   6.2   6.2   2.2   13.3   13.5   6.2   2.2   2.2   6.2   6.2   6.2   2.2   13.3   13.5   6.2   2.2   2.2   6.	35.0   16.6   25.8   -5.6   55   3+   13+   1200   0   123    0   0   2.07   -6.6   .55   6   13.5   7   9   15.2   7   9   15.2   7   9   15.2   7   9   15.2   7   9   15.2   7   9   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2   9   15   15.2	35.0	35.0   16.6   25.6   -5.6   55   3+   1   31+   1206   0   12   31   0   0   3.42   .12   .17

PENNSYLVANIA DECEMBER 1967

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METONIA LOCK 3 LENTOWN WB AP R LENTOWN GAS CO TOONA HORSESHOE CURVE LENOTSVILLE	2.17 2.62 2.95 2.07 2.66			-11		.51 .05 1.01 .37 .63	.07 T	.01 .12		T	.04	Ť	T .05	•02 T	.08 T T .03	Ť Ť	•01			.36 .04	.23 .46 .73 .31	•13 •13 •03		.22 T .05	.05 T .23	•05	•03	T •40	•49 T •62	Ť
ISTINBURG 2 W KERSTOWN 3 WNW IRNES 40 CREEK DAM AR GAP	2.37 1.49 2.72 2.53 3.49				•42 •01 •07	1.54 .32 .85 1.12 .20	•14 •10 •12	.07	.10 .03 .20 .25	•02		т	•19 •22 T	•02 T	.10 .16 .05	T	1 +14 +04	т	т	.09	•15 •10 •22 •54 •40	T •01 •06	T •09	T .07	.04 .09 .06	T	•03 •04 •05	.03 T	.08 .38 .25	T •01 •06
AVER FALLS AVERTOWN CHTELSVILLE RVICK	1.97 2.51 2.63 3.08 2.32				.05	.30 .98 1.23 1.74	.04 .05 .06	.20	T •15 •08 T	•04	Т	.02	T T T T	T +02	•14	T • 02				T •10	•22 •54 •47 •55	•08 •20 •08	T	T T	.02 .03 .20	T	T •03	T .55	• 45 • 32 • 43	•06
THLEHEM LEHIGH UNIV AIRSVILLE 6 ENE OSERVILLE I N SNELL I SW	2.35 2.45 4.52 2.27 4.08			*10 T	.09 .59 1.09 .63	.88 .17 .69 .65	T +15	•25 •23	•09 •02 •27 •10 •25	• 22	•13	T .02	T T •13 T •05	T T	T •16 T •08	T T T	Т			.46 .29 T	• •27 •41 •47 •72	• •11	# T	.80 .04 T	.07 .06	•11	•03 T	•59 •26	•30 •24 •36 •39	•02
AOODCK LOCK 2 ADFORD FAA AIRPORT AOFORD CNTRL FIRE STA AOFORD 4 W RES EEZEWOOD	2.31 3.44 2.66 2.85 2.36			Т	.43 .85 .19 .63	.36 .99 1.33 .97	•12 •04 •17 •07 •20	.02 .11 .02 .04	•12 •25 •11 •06 •05	T T •04 •01	•02 •01 •01	.02 .01 .02	.01 .03 .10	•01 •10	.03 .01 .10	† <sup>02</sup> T	•01 •03 T	Т	T • 40	.06 .15	.44 .23 .31	•10 •13 •09 •09	•05 •06 •02	•01	•03 •18 •07 •07	T T T	*01 T *01	.02 .28 T	•50 •07 •21 •06	•01 •01 •02
UCETON 1 S FFALO MILLS D RGETTSTOWN 2 W TILER NTON 1 NW	2.69 2.41 2.27 1.67 2.18				•B4	.30	• 10 •10 •02	• •03 •03	.32 .08 .01	.04 .03 .01	•01		.02 .02 .01	•01	T •01	T • 01 T	т	•02	٠	.11 .05 .08	• •70 •30 •27 •21	* •02 T	* 09 T	• •10	.54 .15 .05			• 05	• •30 •38	.46 T .01 .49
RLISLE RROLLTOWN 2 SSE RTER CAMP 2 W DAR RUN AOOS FORD	2.84 2.02 2.11 1.97 2.11			1	.49 .23 .30	.02 .42 1.08 .95	*04 T T	•16 •06 T	•11 •20 •10 •05	• 02 T T	•02		•02 T •07	•02 T	.03 .05 .10	T T	•01 T	T		.16	•20 •34 •35 •20 •32	*03 T	•04 T T	.46 .01	•05 T	T T	• 02 T	* 42 T	• 27 • 20 • 25 • 42	*02 T
AMBERSBURG 1 ESE ARLERO1 LOCK 4 ARENCE 1 E ARION 3 SW AUSSVILLE	2.61 2.47 2.01 2.20 2.92			1	·23 ·49 ·45 ·27 ·22	.70 .65	•14 •03 •06 •08	.16 .04 T	•13 •18 •09	T T • 02 • 08	T T .01		T T • 05 • 05	T •01	T T •02 •04	T • 02 T	Т			.22	.22 .50 .32 .31	.06 T	Ť	.23 .03	.05 .05 .10	т	T •06	•55 •02	• 52 • 21 • 46 • 40	T T
AYSVILLE 3 W EARFIELO ERMONT 4 NW ATESVILLE 1 SW NFLUENCE 1 SW OAM	2.18 2.47 3.19 2.69 2.78				.77 .34 .14 1 .13 1	1.26	.10 .10 .17	.04 .03 T	.03 .13 .14 .05	.04 .15	.02 .06	.04 T		т	.04 .08	T T •04	T •15	T •05	•06	.04	•27 •35	•10 •11 •09 •04 •08	•02 •06	T •08	.04 .12 .12 .18	T .04	.02 T	•06 •34 •03	.40 .40 T	*01 T T
	2.75 3.88 3.32 2.42 1.81			т	.34 .80 .40	.44 .93 .85 .92	•07 •26 •20	.04	•15 •21 •20 •21	.02 .04	.01 .15 .09	•22	.17	T •19 T	T •09 •02	•01	•02 •21	т	T	.20	.74 .34 .49	.06 .06 .11	•06	*08 T	.07 .07 .10 .22	.01	Т	.04 .13 .05	.47 .10 .61	T •08 •02
RRY UDERSPORT 3 NW UDERSPORT 6 E	1.47 3.43 2.51 4.17 2.09			•07	.48 .48 1 .27 1 .25 2	.49	• 24 •11 •25	T T	•36 •09 •13 •23 •07	T •04 •03 •07	T -11 -01	.08 .01 .02	•15 •07 •10	•05 T	T •04 •07 T	•02 T	•03 T	т		•	• •18 •17 •35 •25	* •10 •03 •37	• •05 •02 •08	•	* *11	т	**************************************	• • 22 T	.30 .10 .32	•63 •02 T
ESSON 2 SE NVILLE VAULT 1 W	2.25 3.20 3.27 2.87 2.01			•05 1	.27 .58 .19 1 .19	•90	.10 T	T •03 T	•22 •16 •31	т	•06		.10 .04 T	•02	•05 T	•03 T	т	T	Т		.40 .60 .43 .31	•20 •08 T	•03	.08 T	•11 •04 T	•02	•03 T	T •01	.40 .35 .44	T .08
NORA YLESTOWN 8015 FAA AIRPORT	3.95 2.06 2.36 2.40 2.18			.09 T	•02 •82 •70	•03 •13	T •02 •03	.25 .12 .18 .26 .20	.08 .05	•12 T	*03 T	.03 T	.10 T	·03	•04 T	•10 T	т	T T	т	.16	.51 .33 .67 .31	T •02 •08 •09	•02 •01	.14 T .29	•01 •10 •06 •05	†11 †	•01	.04 .45 .28 .42	.57 T	т
GLES MERE ST BRADY Ensburg	4.28 3.22 1.61 3.07 2.53				T 2	• 34 • 58 • 93		T •07 •08 T	2.03 .27 .30	T T •04 •10	T •09		.05 .04	T T T	.07 .09 .13 T	T T	T •02	† 05 T	Т	•05 T	•10 •18	.05 1 .05 .12	T T •10	т	T T •10	т	T T	T T • 54 T	•13 •20 T •24 •34	T T •09
HRATA JINUNK 2 IE WB AIRPORT	1.35 3.41 2.48 4.28 1.44			1	• 25 • 60	•50	·13 ·02 ·06	* <sup>01</sup>	•11 •02 •11 •79 •03	•33 •10	•13	•20		·01	•03 •06 T	•02 T •03	T •04 T	T .	т	т	.29	•55 •13 •16 •37	т	.70 T	1 •14 •09 •05	т ,	T T	•55 •16	.23 .15 .31 .01	T .28
RO CITY 4 S OAM ANKLIN FELAND	2 • 21 1 • 79 2 • 02 1 • 26 2 • 41				• 27 • 49	.63 .25	•01 •09 •18 •05	.04	•14 •03	T .04	T T			•05 •01		т				Т	-14	•17 •07 •07 •10	T T	T	.06 .11 .10	τ	т	•43 •06 •04	•15 •35 •23 •08 •17	*03 T
RGE SCHOOL TYSBURG N HAZEL 2 NE OAM	2.68 2.62 2.59 3.03 2.46			.10	•17 1 •09 1 •80 •26 1 •20 1	•07 •36 •25	•09	.04	.03 .11 .06 .04	•07	•01	T	T T		T •12	T T	•05	.01	•01		•49 •35	.03 .08	•04	T •03 •12 T	.26 .23 .15 .09	.04	T T	Ť Ť	•38 •25 •61 •38 •36	.04 T
LOSBORO TERFORO TERFORO 1 E	1.94 3.14 1.75 .81 2.19				•17 1 •21	•33 •98	•15 •14	T -10	•02 •22 •05		•01	т		T •01	.03 .07	T T	T •07	.01			•62 •42 •43	•06	T •05		•03 •03 •13	T .01	•28	T •01	•41 •06 •05 •25 •55	•02 T
IOVER PRISBURG WB AP R PRISBURG NORTH	2 • 2 8 2 • 8 2 3 • 3 2 2 • 3 1 1 • 9 2			.24 T I	•60 •51 •88 •80	•55 •88 •06 •25	Т	.07	.08 .03	•08		.03 T		T T	т	•01	•02	т		.01 .28	•17 •49 •26 •46		•01	T •22	.01 .27	т	T T	•29 •54 •59	•07 •64	•02 T
LTWOOO IESDALE 4 NW IEY BROOK 1 W	2.49 2.68 1.94 3.02 2.87					•81 •20 •12 •55	•06 •08	T T	•14	T •01	•07	.08	T T •01	Т	.14 T .10	T T T	.05 .04	T T	•03		•69 •36 •60 •30	•04 T •07		•03 T	.04 .19 .11	.13	T T	т	•25 •74 •23 •60	.02
ITINGOON O ITSDALE IOMAN PIANA 3 SE	2.07 2.64 3.19 2.17 2.31				55 52 48	•54 •94 •20	т	•08	•11 •12 •04 •16	.02	T .03		T T .01	т		T	T			.16 T	• 39 • 44 • 72 • 54	•68 •09	D	•10 •03 •13	•14		*10 T	•03	• 25 • 45 • 70 • 40 • 20	T .03 .09 .
SEY SHORE INSTOWN O  IE I NNE IG D	2 • 94 3 • 42 <sup>1</sup> 3 • 30 <sup>1</sup> 2 • 35 <sub>1</sub> 2 • 21			0	30 1 35 25 1	.62 .54 .50	•04 •35 •11	•57 •02 •30	•33	.03		T • 02 T	• 02	T • 05		•01 T	•02		D	.080	•29 •13 •35	т	Т	T .21			T •17	• 23 T	•30 •15 •35	.09 . .26 . .04 .
SGEVILLE 3 W	2.68 2.74 2.10								.05 .07 .14	,,,			* U 6		•09 •56		•01				• 67 • 77	•06 •02	т		•11 •10 •08		•05 •03 •02	*03	•40 •62	•01 •

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LANCASTER 2NE PUMP STA LANGISVILLE 2 NW LAWPENCEVILLE 2 S LEBANON 4 WNW LEHIGHTON	2.77 2.65 2.34 2.42 2.96		1.36 .08 .47 .98 1.64 .22 .11 1.40 .19 1.35	т	.05 .08	.01 .02 T	Т		Т	•03 T	т	•05 T	т	T •05	•05		.13 .04	.45 .45 .21 .33	.02 T T		•21 •07	•10 T •19 •12		T •01 •05	•33	•15 •54 T •32 •40	Т
LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN LONG PONO 2 W	2.38 3.18 2.66 2.33 3.72		.04 1.65 .04 1.26 .39 .87 .27 1.24 .13 1.63	T • 24 T • 01 • 22	т	.19 .33 .14 .18 .15	.04	Т	T +01	•16 T •04 •05	•04	.06 .08 .03	•01 T	T .02	•01 T	•01		•36 •28 •39 •28 •75	.23 T	•06 T	T T	•02 •03 •01 •12	•02	T •10		.08 .34 .64 .27	Т
LYNCH MADERA MAHAFEY MAPLE GLEN MAPLETON OEPOT	3.28 1.27 3.01 2.08 2.39		.08 .52 .67 .72	•15 •03 •10 •19 •02	.03 .05	.20 .04 .15 .15	.21 .02 .05	T T	т	•10 •03 •06 T	*01 T	• 20 T • 05	•01 T	*15 T T T	.03	•01 T		.30 .03 .51 .55	.03 .08	•10 •02 •07	•03 T	•17 •10 •24 •09		.03	T	•30 •05 •37 •32 •33	•01 T
MARCUS HOOK MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG	2.52 4.07 1.90 3.33 2.47	•03 T	.42 1.53 .76 .06 .96 .42 .83 .43	.06 T	.18 .02 .07	•22 •28 •12	T	.03	T •02 T	T •10 T	•05 T	T •08 T •25	T -01	•03		Т	.33 T	.19 .64 .21 .73	*13 T	*07 T	•21 •02 •19	.13 T .04 .16	.01 .07	•01	.43 .07 .30	·31 ·03 ·41 ·34	•02
MC KEESPORT MEAOVILLE 1 S MEOIX RUN MERCER 2 NNE MERCERSBURG	1.78 3.14 2.60 1.57 2.66	• 37	.35 .65 .31 .97 .10 .48 .89	•14 •10 •38	T •01 •03	.19 .10 .14 T	•02	•01 T •02	.01 T	•14 •07 T	•07 •01 T	.06 .04 .05	•03 T •02 T	T •01 T		Т	•05 T	•27 •35 •06 •59	.08 .17 .10	•02 •03 T	T T T •14	•42 •10 •07 T	T T	T	.37 .10	• 36 • 26 • 30 • 43	•03 •02 T
MEYERSOALE MILANVILLE MILHEIM MILHEIM MILHOY MILROY	2.67 2.87 2.95 3.09 2.34		.50 .35 .62 .55 .30 1.57 .09 1.59 .50 .76	•23 •21 •05 •03	T T	•14 •12 •24 •18 •15		T T		.16 T .05	T T	*31 T *05 T	т	T T T	T T		.20	.70 .59 .37 .55	•09 T •05 T	T T	•16 T	•12 •02 •03 •05	ŢŢ	т	Ť	.41 .24 .24 .45	*05 T T
MORGANTOWN MT GRETNA 2 SE MYERSTOWN	1.97 2.34 2.74 3.05 2.74		.68  .31 .15  .48 1.57  T 1.59 .05 .05  1.37	•12 •16 T	.01 .04 .10	7 7 .06	•01	T	т о	•03 •03 T	-02 T	•04	T T	•12			T .18	•21 •26 •30 •27 •52	•08	Т	•18 •21 •02	•05 •06 T	т	T T	T T •41 •58	• 36 • 37 T • 56	•05 •03
NATRONA LOCK 4 NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK	2.40 2.38 2.33 2.80 2.81	.23	.40 .71 .98 .03 .80 .43 .65 .50 1.35 .06	•12	.01 .11 T .20	*12 T T	•01 •03 •05	1		•02	•01 T	•05	• 01 T				.28 .35	•23 •16 •17 •40	.13	•02 T	.25 .05 .30	*02 T *10 *05 *04	Т		•32 •06 •30 •39	•51 •37 •25 •12	•04
NEWPORT NEW STANTON NEW TRIPOLI ROGRRISTOWN NORTH EAST 2 SE	2.68 3.42 3.18 2.32 2.70	•15 •03 •05	.49 1.10 .76 .16 1.41 .25 .02 .88 .32 1.00	•17 T	•15 •04	•11 •61 T •13 •14	.18	·10	*11	T .20 T	т	T T	·09	т	т		•71 •09	•51 •12 •67 •65 •26	.01 .01	•03	T T •18 •23	*11 *01	T T	T +03 T	•20 •40 •03	•36 T •08 •35 •02	T
ORWELL 2 NW PALM PALMERTON PARKER PAUPACK 2 WNW	1.22 5.98 2.51 1.28 2.10	.08	.02 .86 .08 1.14 1.09 .33 .27 .38 .38 .50	•02 •08 T	• 05 T	•04 •05 T	т	т	T T	•04 •09	T • 02	•02 •03 •07	•01 T	•03	т		•15	•12 •85 •25	•06 •40 T •02 •04	•08 T	•11	•41 •01 T •02	•38	•39	•32 •41 •03	•04 •82 •44 •23	T +62 T
PHIL OREXEL INST OF TEC PHILAGELPHIA WB AP R PHILAGELPHIA PT BREEZE PHILIPSBURG FAA AP PHOENIXVILLE 1 E	2.06 2.11 1.97 1.60 2.68	.01 .01 T	.81 .03 .94 .05 .79 .82 .13 1.12 .03	•01	.16 .11 .11 .06	т	т	Ť	T T	T T	•01	•01	T T	т			.32 .22 .26 .07 .36	.20 .25 .30 .11 .35	.03	т	•18 •17 •15 T	T T	T T	T •46	•35 •36 •36 •31	•02	
PIKES CREEK PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PLEASANT MOUNT 1 W PORT CLINION	2.59 1.83 2.24 2.24 3.81	• 31 • 36	.07 .80 .30 .25 .48 .35 .36 .58 .06 2.14	•50 T T •13 •06	.04 .05 .10	.25 .03 .01 .22		.01 .01	* 01 T	T • 05 • 02 • 02	T T	•11 •02 •04 •07	•02	T •08		т	.07	•42 •17 •19 •40 •57	.02 .04 .01 .05	T T	T	•06 •08 •03 •05 •28	T T	T •03	T •41 •46 T	•34 •01 T •04 •55	T T •08
POTTSVILLE PUTNEYVILLE 2 SE OAM QUAKERTOWN 1 E RAYMOND READING WB CITY R	3.74 1.76 2.90 2.29 3.31	.03	*16 1.96 *15 *30 *10 1.03 *17 1.20 1.66 *05	.06 .16 .05 .05	•09	•12 •14 •09 •09	•01	•01	.04 T	•01 •02	•02	•03	T T	T •07	•03 T		•21	•66 •44 •69 •25 •52	*11 *07 *05	*01 T	.08 T	•08 •37 •02	•01	•04	•01 T •52	•56 •35 •38 •13 •04	•01
RENOVO REW RICES LANGING L 6 RIGGWAY RUSHVILLE	2 • 3 3 2 • 9 1 2 • 5 3 1 • 7 2 1 • 8 1		.33 1.13 .66 .88 .55 .33 .05 .62 .08 .81	•17 •11 •05 •03	.05 .08 .02	•15 •17 •12 •11 •21	•04 •01 •02	*01 T	т	.04 .14 .07 .05		*02 *11 T *05 *10	T T	•02			•13	.41 .28 .54 .30	.01 .09 .03 .06	•04 •03	.05	•04 •07 •03 •07	T T	Т	.07 .04	•21	
RUSSELL SAGAMORE 1 S SALINA 3 W SAXTON SCHENLEY LOCK 5	1.69 1.50 2.33 2.10 1.81		T .40 .12 .20 .49 .43 .66 .27 .33 .26	•02 •10 T	.05 .07 .02	•01 •10 •06 •10	. 05	•02 •05 T	т	.08 .10 .02 T	•05 T	•10 •08 T	T T			Т	.28 T	.35 .05 .38 .54 .35	.10 .10 T			.06 .10 T .02	т	•01	*50 T *04	.45 .15 .35 .37	T T T •02
SCRANTON WB AIRPORT SHAMOKIN SHIPPENSBURG SINNEMAHONING	2.49 2.20 3.41 2.40 2.38	•07	•15 •02 1•19 •06 •19 1•94 1•15 T •34 •97	•90 T	.19 .16 T	•28 •03 •66 T •28	т		т О	.03 .01 T	•02 •02	.02 .02 T	* <sup>02</sup>	*03 T	т	т	.08	.72 .24 .08 .26	.04 .01	•02	T .20	T •08 T •03	т	T T	•23 •50		T +44
SIZERVILLE SLIPPERY ROCK SOMERSET FAIRVIEW ST SOUTH MOUNTAIN SPRING GROVE	3.04 2.08 3.16 2.61 2.87		.29 1.40 .80 .48 .43 .36 .97	T •06 •12	.10	*22 T *21 *140 *05	.09 T .08	T T T	Т	•02	•04 T •06	*14 *04 T	•05 T	т			.10	•42 •13 •69 •47 •60	.06 .10 .11	T		+02 +06 T +15 +24		т	•01 •04 •13	.26 .35 .37 .64	T T •09
STATE COLLEGE STOYSTOWN STRAUSSTOWN STROUGSBURG STUMP CREEK	1.51 -3.64 2.98 1.71	•16	.39 .31 .31 1.80 .96 .18 .23 .51	.02 .03 T	.20	•11 - •03 •02 •14	- T •03	-04	T - T	.01 T T	·03	T - T •05	- -02	T T	т	-	- •15	•30 •50 •65 •33	- 07 T	T	T T •12	•05 - •20 •04 •05	-	T - •03	- •40	• 26 • 56 T • 20	* 09 T
SUNBURY SUSQUEHANNA TAMAQUA TAMAQUA 4 N OAM TIONESTA 2 SE OAM	2.98 2.05 2.96 3.95 2.09		.19 1.70 .24 .57 1.52 2.32 .21 .62	•03 •15 •15 •16 •07	•39 T	•19 •19 •06	T .03	т	T •01	.09	T T •10	.06 T	Т	•06 T				•52 •20 •59 •35 •23	.16		т	.05 T .14 .10	т	•07	T •07	.30 .42 .43 .48	T
TITUSVILLE WATER WORKS TOBYMANNA TORPEOO 4 W TOWANDA 1 ESE TOWER CITY 2 E	2.05 3.19 2.82 1.98 3.38	•03 •15	.45 .35 1.01 .23 .34 .80 T 1.30 .21 1.94		.02 .05	.08 .14 .10 .17	.02	т	•06	.05 .08 .15 T	•08 T •07	+04	T +05 T	.02 .03		т	.03 .05	•24 •46 •22 •18 •50	•07 •12 •13	•06	, 37 T	•10 T •15	T	*02 T	.38 .44 .03	.04 .03 .26 .06	#08 T
TROY TURTLEPOINT 4 NE TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN	2.89 3.19 1.54 3.21 2.88	т	.09 1.83 .20 1.55 .47 .28 .29 .89 .62 .30	•10 •40	T •02	.22 .26 .09 .10	.08 .08	.09	•01 •13	•05 •05 T •11 •03	T •02 T •03	Т	* 02 T	.03		т	•42	•30 •30 •32 •27 •40	•10 •02 •13	•05	T	.04 .04 .10		T T	T •64	• 32 • 34 T	•03 T •09 •01
VANOERGRIFT VIRGINVILLE WARREN WATSONTOWN WAYNESBURG 1 E	2 • 48 3 • 02 2 • 76 3 • 40 2 • 62	↑ •25	.24 .76 .07 1.92 .20 .94 1.30 .48 .69 .38	•07 •06 •22 T •09	•01 •15 •18	•14 •01 •06 •05 •02	.02	•05	•03 T	•02 •08 T •03	•07 T		•04 •01 T	*04 T	•01		.20 .13	•34 •56 •27 •52 •47	•16 T •13 T •01	• 06	T T T •07	•09 •10 •05 T	•02 T	T T	T *40 •10	.47 .30 .30	+16
WELLSBORO 3 5 WEST GROVE 1 SE WEST HICKORY	2.20 2.58 2.60		•16 1•29 •20 1•30 •08 •95	•04	T •02	•16 •20 •05	.03	.01			T •02	.08 .18	T	•04	T		Т	•07 •10 •32	.05 .12	T •06	T •03	T •29 •02		Т	T •12	•21 •49 •30	

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ITESBURG LES BARRE LIAMSBURG LIAMSPORT WE AP LESBURG	D 2+72 2+19 2+06 2+67 2+20					.33 .15 .97	. 65	0 •20 •09	T T .02		+13	•05 •01	Ŧ	T •01	T T	.08 .02 T .02	T	•02 T			,18	• 28	.10 .07	.09	.05 T		ī	T .02	T .28	.44 .28 .42 T	• • • • • • • • • • • • • • • • • • • •
IK 1 SSW PUMP STA IK HAVEN IN GROVE INSVILLE 3 SE	2.70 2.83 2.97 2.52					• 3 3	.01 1.00 1.65			.01 .05 .31				Ť	T T	T	T	Ť			.12	•34 •60	.02			.02 .17 .59		•03 •04		•19 •61 •39	•

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ALLENTOWN WB AP	MAX M1N	64 23	60 27	58 26	56 24	46 34	47 31	33 28	38 26	37 25	25 16	25 10	22	1 8 8	23 9	25 8	34 19				41 14	17	36 17	38 23	30 17	28 19	38 21	25	36 12	30 9 -	30 1	2 35,
ALLENTOWN GAS CO	MAX M1N	64 22	67 24	60 25	58 24	56 25	48 38	48 26	35 27	40 25	38 15	28 13	27 9	24 7	20 9	25	26 12		35 23	42 26	44 28	34 8	30 8	38 25	40 13	31 18	30 18	40			33 2 15 -	
ALTOONA HORSESHOE CURVE	MAX MIN	60 29	59 29	55 27	52 28	55 32	44 25	27 20	33 23	29 19	20 12	19 6	13 - 2	10 - 3	20 6	22	31 19		35 29	52 21	46 25	26 13	36 15	37 26	28	23 14	35 19	20		29 13	27 1 8 -	
ARENOTSVILLE	MAX	61 30	64 31	59 31	56 30	54 33	56 36	42 27	34 29	38 24	31 16	28 7	26 7	20	19 8	25 10	26 13		38 28	4I 23	36 28	44 17	25 15	39 20	39 16	28 18		34	28 15		33 2 15	36.
AUSTINBURG 2 W	MAX M1N	63 23	65 23	6 I 2 5		61 25	58 35	40 24	30 26	30 I 6	30 12	22	25 - 2	20	I 6 2	- 1	22 11	31 10	34 26	35 28	45 15	20	29	33 26	46 10	26 9		28	25	29 8	30 2 8 <b>-</b>	
8AKERSTOWN 3 WNW	MAX M1N	63 26	62 28	62 30	62 33	61 37	43 27	29 22	29 20	28 22	30 14	17 6	15 -10	- 11 - 8	24 5	25 2	32 23	32 24	38 28	48 28	48 25	25 20	32 23	37 28	28	32 16	35 26	27	30 17	35 19	34 1 9	1 35 0 17
SEAR CREEK OAM	MAX M1N	65 20	63 21	58 20	57 21	56 25	43 38	42	30 23	30 13	34 11	21	18 -15	- 1	11 3	18	27 8	26	31 12	30 25	38 18	21	32 4	31 24	36 13	25 10	30 16 -	33	24	30 0	28 1 8 -	2 32 8 10
BERWICK	MAX MIN	56 19	5 <b>6</b> 20	55 22	49 22	46 27	46 29	31 26	35 21	29 18	24 15	- 1	17 - 4	14	- 21 - 2	25 - 3	30 7	32 6	37	40 24	40 10	27 6	34 27	40 25	28 17	29 20	35 15	24	33 16		24 1 4 <b>-1</b>	
BETHLEHEM LEHIGH UNIV	MAX	54 26	51 35	49 34	46 27	45 41	43 30	3 0 2 6	30 29	30 28	29 21	23 19	20 16	17 15	18 15	19 15	28 19	28 21	36 28	38 31	38 22	22 16	31 16	34 26	34 25	25 21	35 25	27 17	26 19	23 15	16 1 0 -	
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8LOSERVILLE 1 N	MAX	63 32	66 38	61 33	53 34	51 34	57 36	42 25	33 25	37 25	31 15	28 7	25 8	21	19 10	35 12	25 15	35 21	38 27	40 26	41 27	38 15	25 14	40 22	44 18	28 19	26 20	40 11	25 15		35 2 15	2 37
BRAOFORO FAA AIRPORT	MAX MIN	63 23	59 22	59 28	57 30	55 32	42 23	26 23	25 20	25 12	16	I 2 3	- <sup>11</sup>	- 6	12	18	25 18	29 22	32 28	38 28	31 4	19	27 19	30 13	17 10	28 10		23	25 14			2 28 8 12
8RAOFORO 4 W RES	MAX	57 17	60 17	55 20	58 21	53 23	45 27	32 24	28 22	26 17	20	16	14 - 5	1 I - 4	I 6 1	20	29 15	30 10	33	40 18	35 10	18	28 15	32 18	21 11	27		29 -17	29 12		31 -	4 31 9 10
8URGETTSTOWN 2 W	MAX MIN	62 16	62 15	60 15	58 17	62 28	44 31	3 <b>2</b> 2 3	27 21	31 20	28 15	I 9 4	17 - 3	12 - 6	13	24 - 5		32 24	35 13	39 20	49	32 21	34	35 28	36	21		30	28			5 34 7 13
SUTLER	MAX	66 13		65 16	60 I 9	62 26	47 32	33 22	30 24		31 13	21	18	10	14	25 - 2		33 20	33 28	45 28	48 20	29 19	34 19		36 10		36 10 -	29	28	36 12	3	6 36
CANTON 1 NW	MAX	60 30	58 30	56 35	55 30	53 30	50 32	40	28 25	28	25	20	16 - 2	15 - 1	10	15	18	27	31 21	37 29	40 20	20	30	33 25	35 15	24 18	29 18	30	22	29 15	26 _1 5 _	
CARLISLE	MAX MIN	62 24	59 23	56 22	53 24	56 28	48	35 25	38 28	33	28 15	26 9	22	23	28	26 12	36 22	35 25	41	41	44 23	23 16	40 12	45 24	29 17	28 18	39 19	27	37 10	30 13		7 36
CMAM8ERSBURG 1 ESE	MAX	61 21	57 22	55 24	53	56 26	41 29	35 27	37 27	31 22	26 13	26 6	21	18	25 10	25 10	38 23	38 27	43	42	46 23	24	41 15	42 24	28 17	29	39 18	24	38	35 12		5 36 3 17
CLARION 3 SW	MAX	58 17	58 16	56 19	58 23	50 26	46 28	34	30 23	31 16	25 11	20	15 -12	15	22	24	32 20	32 25	38 29	45	35 18	24 15	31 21	35 21	24	30 11	35 16 -	27	32 18	34 8	32 1 3 -	1 33
CLAYSVILLE 3 W	MAX MIN	6 I 1 5	66 I 4	61 14	65	47 31	34 28	30 24	35 21	32 18	19	18	18 -14	10 -14	26 -11	46 - 4	35 28	39 18	38 10	52 19	40 28	31 21	36 30	37 22	28 12	35 18	35 18	36 19	36 18	36 13		8 36 6 14
CLERMONT 4 NW	MAX MIN,	60	60 10		58 20	54 22	34 24	30 22	28 20	32 20	22	10	10	- 8	14	30	41	28 20	32	38 20	20 10	15	34 10	36 24	28	28 11		-22	24	30 20	12	6 30
COATESVILLE 1 SW	MAX MIN	63 25	67 25	60	57 26	54 28	49 42	45 28	36 31	42 25	40 16	2 <b>9</b> 14	28 I I	22 I 0	21	26 7	28 12	36 17	38 25	44	42 28	37 15	33 11	37 17	18	30 20	32 22	40 12	30 20	36 14		2 38
CONFLUENCE 1 SW OAM	MAX	61 18	57 17		61	57 24	57 30	31 22	29 22	32 22	28 12	17	I 6 0	I 1 - 3	12	20	36	31 27	38 26	46	51 23	34 16	37 17	36 29	36 13	20	38 20	34	30 8	35 15		3 15
CONNEAUTVILLE	. MAX MIN	68 19	58 18		63	65 32	43 32	36 29	33 24	29 12	26 12	22	17	15		22		34 14	34 28	39 28	42 18	23	30 19	34 19	34 12	23		27	30 0	32 15		3 14
CORRY	MAX MIN	64	63 20		64	52 33	40 28	32 26	28	26 17	20	17	15 - 3	9 - 6	18	20	30	31 21	34 30	41 27	34 11	19	29 19	31 18	20 12	30 9		25 -10	28 20	33 16		8 31
COUGERSPORT 3 NW	MAX MIN	60 16	56 16		54	58 25	45 26	26 22	26 22	26 13	19		14				26 14	30 18	32	41		15 - 1	28 12	32 20	21	23		20	28 13	28	20 -1	6 29
OEVAULT 1 W	MAX MIN	63	59 34		53 30	45 39	44 27	35 25	39 25	40 22				20		28		35 17	43	40 28	39 10	20	35 12	41 21	38 16	28 18			35 18	33 18	27 1	
Olxon	MAX MIN	56 18	56 18		56 20	48	46 28	45 24	35 24	36 17	30 15	28 12				- 22	25	28	32 11	38 26	40 21	27	28	36 27		27 13		35		34	32 11 -	6 11
OONEGAL	MAX M1N	66 19	64 18		61 32	58 32		27	33 20	31 11			- 4			33	32 25	33 25	40 23	51 22	37 20	30 15	39 27	36 13	20	35 10		24	34 15	32 14	18 1	0 14
OONORA	MAX	63 21	64 22	63	63	60	45 27	30 25	36	33 25	27		16	10	26		35 27	37 27	39	53 25	50 29	32 20	37 26	38 29	31 12	36 19	38 27	30 12	36 24	38 21		20 36
OU BOIS FAA AIRPORT	MAX	65 29	59 31	57	56 34	57	38 23	25 20	25	28 12		13	9 - 6	- 7	17	21	27	29 22	33 26	42 25	32 12	15	29 20	32 12	16	29 11	33 11	24	29 16	32 17	15 - 3 -	7 29
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EAST BRACY	MAX M1N	60		57	61	60	45 28	30	32	34	29	17	18		23	26	33	34	37 27	50 20	38 21	26 17	33	37	27	33	35	26 - 5	36 16	35 10	35 2	25 35
E8ENS8URG	MAX	62	60	57	54	53	43 I 4	25	28	27 16	20		12		18		27		29 23	46 20	40 20	22	32 16			24			30 19			9 31
EMPORIUM 1 N	MAX	57	55	54	52	52	54 26	35	28	28 16	28	20	17	13			20			34 21	43 20	23		31	34	22					30 ;	
ENGLISH CENTER	MAX	59	57	58	54	54	58 23	47	31	32	30	23	24	19		22	29	32		33		33		35	39	30	28	34	21	32	29 10	35
EPMRATA	MAX	65	65 34	58	54	62	49	40	39	37	28		24	21	27	29	37	36	49	45	39	31	36 15	47	30	30	41	28	43	34 15	33	17 36
ERIE W8 AIRPORT	MAX		52	57	63	48	38	40	35	28	24	19	19	12	23	28	32	35	38	45	36	27	32	35	24	36		29	30	35	20 :	14 33
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PENNSYLVANIA OECEMBER 1962

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O CITY 4 S DAM  MAX 66 63 63 63 62 61 54 55 29 32 72 11 14 20 20 5 5 25 27  NKLIN  MAX 68 63 63 63 62 61 54 35 29 20 17 12 3 0 16 15 12 24 28 32 33 38 43 36 25 31 36 24 36 36 29 34  NKLIN  MAX 63 65 65 67 647 47 31 31 31 27 22 18 14 9 9 3 9 3 6 4 22 26 31 24 28 23 34 28 28 19 22 18 14 9 9 3 9 3 6 4 22 26 31 24 28 23 38 28 39 28 28 19 22 18 11 4 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	34 14 14 6	34.8 16.8
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ELANO  MIN 19 18 20 25 28 28 19 22 18 14 9 -3 -3 6 4 22 26 31 24 20 14 20 20 12 11 16 -2 18 12  ELANO  MAX 63 56 56 64 74 73 31 31 31 31 27 24 13 11 9 20 28 28 28 33 40 39 15 30 30 32 32 22 29 29 27 27 28 14 14 1 -1 -4 0 15 14 26 22 12 2 4 13 14 12 8 8 17 24  RGE SCHOOL  MAX 61 65 58 47 53 45 46 36 41 35 27 26 23 20 25 25 35 35 39 42 41 38 33 37 40 35 32 22 21 10 12 12  TYSBURG  MAX 61 65 60 57 54 57 38 35 39 30 27 26 20 18 12 14 29 32 24 30 17 15 23 17 20 20 11 12 12  TERFORD 1 E  MAX 61 66 68 65 55 55 47 45 35 40 38 28 28 26 16 13 10 9 9 9 7 9 16 20 26 27 14 14 23 19 20 20 13 12 13  ENVILLE  MAX 66 64 64 64 55 35 39 30 30 27 22 22 16 10 23 23 23 22 32 32 32 32 32 32 32 34 30 37 44 38 24 19 15 23 17 20 20 13 12 13  ENVILLE  MAX 62 65 61 58 58 55 55 47 45 35 40 38 27 27 28 28 28 36 37 44 36 24 11 14 23 19 20 20 13 12 13  ENVILLE  MAX 66 64 64 64 55 35 39 30 30 27 22 22 16 10 23 23 23 22 37 44 36 24 11 14 14 23 19 20 20 13 12 13  ENVILLE  MAX 66 65 66 67 59 25 55 55 55 47 45 36 48 36 38 32 27 25 22 16 11 6 23 23 23 28 34 36 37 44 36 24 11 38 4 21 33 34 30 32 35 34 30 39 30 27 28 29 31 32 38 37 44 36 24 11 14 14 23 19 20 20 13 12 13  ENVILLE  MAX 66 65 66 67 57 28 45 57 44 38 40 30 27 22 22 16 11 6 23 23 23 28 34 36 37 44 38 24 11 38 4 21 33 34 30 32 35 35 34 30 37 44 38 41 18 18 28 29 38 38 38 38 38 38 38 38 38 38 38 38 38	36 16 13 2	35.7 14.7
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TERFORD 1 E  MAX 61 66 58 55 55 47 45 30 30 30 30 27 22 22 16 10 23 23 32 32 37 44 36 24 31 34 21 33 34 30 32 31 12 13  ENVILLE  MAX 66 66 66 66 66 66 67 59 55 42 40 38 38 41 37 28 27 25 22 18 26 27 4 41 19 21 15 27 27 28 34 32 32 38 32 32 37 42 29 30 40 45 29 30 40 45 18 18 18 18 18 18 18 18 18 18 18 18 18	33 26 19 1	37.8 20.0
ENVILLE  MAX 66 64 64 64 65 55 55 52 24 40 82 82 82 61 61 3 10 9 9 7 9 16 20 26 27 14 14 23 19 20 20 13 12 13  ENVILLE  MAX 66 64 64 64 65 53 30 30 27 22 22 16 10 23 23 32 32 37 44 36 24 31 34 21 33 34 30 32 35 35 35 35 37 44 36 24 31 34 21 33 34 30 32 35 35 35 37 44 36 24 31 34 21 33 34 30 32 35 35 35 38 34 36 30 32 35 35 36 38 32 32 32 38 34 36 24 31 18 16 22 17 17 22 18 15 18 36 38 32 32 32 32 38 34 36 36 37 44 43 41 24 40 45 29 28 39 31 32 38 32 32 32 38 34 36 36 37 44 43 41 24 40 45 29 28 39 30 38 32 38 38 32 37 38 38 32 37 38 38 32 37 38 38 32 37 38 38 38 32 37 38 38 32 37 38 38 38 32 37 38 38 38 38 38 38 38 38 38 38 38 38 38	35 20 15 4	37.9 20.6
OVER  MIN 20 19 23 30 32 29 26 24 20 14 8 - 7 - 5 6 8 17 19 31 24 19 15 24 19 12 14 16 - 7 21 17  OVER  MAX 62 65 61 58 54 57 44 34 40 32 31 27 28 23 23 28 34 36 37 44 43 41 24 40 45 29 28 39 30 39 39 30	32 20 14 0	37.5 18.4
RISBURG W8 AP  MAX 61 59 56 54 54 65 36 38 32 7 30 25 16 11 6 7 9 11 15 27 27 26 31 18 16 22 17 17 22 18 15 18  MAX 61 59 56 54 54 65 36 38 32 20 25 27 25 22 18 26 27 35 38 42 22 29 25 21 15 18 20 20 23 20 11 14 15  LEY  MAX 65 68 67 59 55 42 50 31 36 35 26 24 22 21 23 25 23 13 36 32 22 29 25 21 15 18 29 20 23 20 11 14 15  TMOOO  MAX 56 57 51 47 50 45 38 41 37 28 26 22 21 26 28 35 38 43 37 41 21 39 46 32 29 40 30 34 31  TINGOON  MAX 55 55 55 55 55 52 51 54 34 33 36 32 25 23 13 17 21 24 33 35 39 47 37 23 38 41 18 26 4 5 13	34 14 8 2	34.0 16.1
RISBURG W8 AP  MAX 61 59 56 54 54 45 36 38 32 27 25 12 18 26 27 35 38 42 42 42 21 39 43 29 26 39 25 35 34 41 14 15  LEY  MAX 65 68 67 59 55 42 50 31 36 35 26 24 2 21 21 22 25 28 25 21 15 18 29 20 23 20 11 14 15  LEY  MAX 65 68 67 59 55 42 50 31 36 35 26 24 22 21 23 25 33 31 36 42 24 24 35 42 30 27 38 31 35 35 34 35 36 35 26 24 22 21 23 25 33 31 36 42 24 24 35 42 30 27 38 31 35 36 36 36 36 36 36 36 36 36 36 36 36 36	32 23 15 3	38.8
LEY  MAX 65 68 67 59 55 42 50 31 36 35 26 24 22 21 23 25 33 31 36 42 24 24 35 42 30 27 38 31 36 42 24 35 42 30 27 38 31 35 35 37 41 21 20 19 11 14 5 -4 2 2 2 2 2 2 2 2 2 3 2 3 3 3 3 3 3 3 3	29 16 8 5	36 • 0 20 • 4
TNOOO MAX 56 57 51 47 50 45 38 41 37 28 26 22 21 26 28 35 38 43 37 41 21 39 46 32 29 40 30 34 31 MIN 32 33 32 32 39 32 29 30 28 20 17 14 12 15 15 23 21 30 26 21 18 21 21 21 23 22 16 16 18 TINGOON MAX 55 55 55 55 52 51 54 34 33 36 32 25 23 13 17 21 24 33 35 39 47 37 23 38 41 28 29 36 30 34 MIN 17 18 20 20 22 25 26 28 27 17 11 1 1 5 8 11 23 30 23 25 18 16 23 18 18 26 4 5 13	31 14	36.2
TINGOON MAX 55 55 55 52 51 54 34 33 36 32 25 23 13 17 21 24 33 35 39 47 37 23 38 41 28 29 36 30 34 MIN 17 18 20 20 22 25 26 28 27 17 11 1 1 5 8 11 23 30 23 25 18 16 23 18 18 26 4 5 13	24 17	35 . 8
	35 20 15 1	35.0
LANA 3 SE MAX 63 64 61 62 58 45 28 31 29 19 17 12 9 22 28 31 32 37 48 40 25 35 36 24 30 36 28 33 34 MIN 19 20 20 28 30 28 23 23 13 12 10 1 -12 5 - 6 22 25 30 20 24 17 23 23 9 15 20 2 18 12	33 12	34.3
ESTOWN 2 NW MAX 67 60 62 61 62 42 33 29 28 35 22 17 14 17 22 26 32 32 36 43 22 28 34 34 20 34 27 29 30	34 14	33.7
NSTOWN MAX 67 68 65 62 59 58 33 35 34 29 21 19 14 15 23 30 32 34 40 53 35 36 37 29 36 32 30 34	34 14	36.9
MIN 22 23 24 27 30 32 23 25 27 14 12 4 1 3 11 17 28 31 25 30 17 12 30 14 15 15 6 10 11 E 1 NNE MAX 58 60 59 55 56 54 34 28 26 23 20 16 14 11 22 22 28 31 33 39 22 25 31 32 22 32 26 25 22	13 2 31 12	31.3
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MIN 18 18 20 23 28 25 23 25 16 13 1 2 - 1 2 7 22 28 24 21 24 15 18 20 14 15 10 14 15 12  CASTER 2 NE PUMP STA MAX 62 61 57 53 50 49 37 40 36 32 27 25 22 28 28 36 36 42 38 41 27 36 44 41 27 39 34 37 30	10 12 30 17	
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MIN 32 24 26 24 36 40 27 28 20 16 16 10 8 14 7 14 15 25 24 29 15 13 17 17 17 20 1 7 7  RENCEVILLE 2 S MAX 58 55 58 55 59 46 34 34 31 29 23 20 17 19 29 31 34 37 42 40 19 35 41 28 30 33 29 33 36	16 1 30 9	18.3
MIN 18 19 26 20 25 32 27 21 18 10 6 - 6 - 1 3 - 7 12 8 31 25 11 - 1 18 28 14 14 17 - 9 18 20  ANON 4 WNW MAX 62 64 57 55 53 51 44 33 36 33 26 23 20 18 25 25 35 36 40 43 36 30 37 41 28 28 39 25 37	- 1 - 4 32 20	13.3
MIN 7 7 11 14 20 23 30 29 13 12 26 18 19 20 15 13 19 ISTOWN MAX 60 61 61 56 51 55 40 34 38 30 28 26 21 22 28 28 35 38 40 49 39 22 38 41 25 28 38 23 39	16 0 35 21	37.1
MIN 21 21 22 23 25 28 29 26 27 16 11 6 6 7 8 14 23 28 24 23 14 12 20 18 18 22 9 6 14 K HAVEN MAX 56 57 54 52 48 54 39 31 34 29 21 26 20 14 24 28 33 35 37 42 32 21 37 40 28 29 36 21 37	18 3 30 22	17.5
MIN 20 20 21 22 23 25 26 28 24 14 5 - 2 - 1 1 3 8 12 20 25 27 9 9 20 15 15 22 2 1 13  ERA MAX 56 56 53 51 53 54 32 26 29 30 19 17 10 9 20 23 29 31 35 46 32 28 33 35 19 33 33 25 27	14 - 1 32 13	14.2
MIN 13 14 14 15 18 26 20 22 19 10 6 - 7 - 9 - 8 - 3 3 20 26 15 17 11 12 25 8 8 16 - 7 - 3 8 CUS HOOK MAX 66 60 52 54 49 46 40 44 37 32 32 27 24 28 29 40 38 48 44 44 30 41 39 32 34 44 32 38 34	8 - 5	10.1
MIN 37 44 40 36 44 34 33 36 28 22 19 15 13 18 17 28 25 38 32 23 18 30 28 24 25 30 24 26 26 100 CENTER 2 SE MAX 62 60 58 59 56 39 25 29 27 18 14 10 5 20 24 29 29 33 46 41 21 33 32 20 27 34 25 28 31	5 3	26.5
MIN 30 31 34 36 35 25 20 21 17 10 4 - 4 - 9 3 0 21 23 28 26 20 13 19 20 6 11 18 5 18 17  TINSBURG FAA AP MAX 60 58 56 52 56 47 30 32 30 21 18 18 11 21 25 30 34 38 49 37 20 36 38 20 28 35 23 30 34	3 - 6	16.0
MIN 23 28 29 28 29 25 24 26 16 13 8 2 3 9 9 22 27 26 23 20 15 17 18 14 18 15 5 18 21  OVILLE 1 5 MAX 68 63 65 63 63 43 33 29 28 25 21 17 15 17 21 26 35 32 36 43 23 27 34 34 22 33 28 28 30	3 1	17.3
MIN 19 17 18 22 31 32 28 24 14 12 9 -10 - 5 - 5 2 14 17 28 26 19 13 18 27 13 12 16 - 8 - 3 17  CER 2 NNE MAX 66 63 61 64 53 39 30 29 27 21 16 15 10 22 24 31 32 35 45 39 23 30 35 23 32 34 27 30 35	10 2	13.8
MIN 18 15 20 30 30 28 25 23 18 12 4 - 6 - 8 5 - 1 22 25 28 26 19 21 - 3 11 17 18 16	7 0	15.0
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TOOMERY LOCK AND DAM MAX 58 55 55 62 54 38 31 32 30 25 18 15 13 24 29 35 36 50 45 28 34 38 23 35 36 29 33 36 MIN 22 21 24 30 34 30 26 24 24 15 7 -4 -4 9 7 24 25 26 24 27 23 26 23 10 18 25 5 16 18	12 5	18.5
TROSE MAX 60 61 56 53 55 42 47 28 30 31 21 18 17 14 16 18 25 31 33 37 17 26 31 35 22 28 31 24 28 MIN 34 33 32 31 34 36 22 21 18 11 7 - 2 - 2 0 - 1 4 9 14 25 17 - 8 - 6 24 15 11 14 2 2 13	7 - 9	13.2
GANTOWN MAX 64 64 56 54 50 44 43 37 38 30 28 29 25 29 30 34 33 41 42 43 39 40 40 42 31 42 31 35 34 M1N 26 30 29 26 23 28 26 26 24 14 11 5 5 11 12 20 15 30 26 17 13 17 20 17 18 22 10 13 14	2 - 5	17.6
GRETNA 2 SE MAX 67 59 57 56 51 44 33 38 33 34 25 25 19 25 25 34 40 40 47 44 18 37 43 36 27 40 36 31 32 M1N 28 36 32 30 36 26 26 25 22 15 10 10 9 8 8 19 15 26 27 16 13 15 19 18 18 20 12 13 14	3 - 1	18.3
CASTLE 1 N MAX 63 63 62 63 51 39 31 32 30 23 19 17 12 25 27 34 34 36 50 42 27 32 37 22 33 35 28 34 35 M1N 16 15 19 25 27 30 26 24 20 13 7 - 4 - 5 6 - 2 23 25 27 19 22 18 24 19 9 15 23 - 3 19 14	35 15 11 0	35.0 15.5

MAX 67 62 67 64 66 53 29 32 35 29 19 17 14 20 25 32 33 37 41 53 32 36 37 37 31 37 33 32 38 35 16 37.4 MIN 20 22 20 28 36 29 23 20 25 16 9 2 - 2 8 9 25 28 19 23 31 21 25 30 12 20 29 10 20 19 14 7 19.3

PENNSYLVAN OECEMBER 19

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Station																Day (	Of Mo	nth															Average
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NEWPORT	MAX	57 20	57 20	56 20	55 22	51 25	53 28	43 27	34 29	38 22	31 14	28 7	26 7	21 8	20 8	27	26 12	36 24	37 27	41 25	42 24	38 15	56 16	39 26	20	28	28 22	38	25	37 12	32 16	21	37. 17.
NEW STANTON	MAX	65 35	65 16	63 18	63 25	57 33	42 30	35 22	37 22	40 19	28 15	29 6	30 - 2	- 12 - 8	20	33	33 28	30 24	21	43 21	40 20	33	34 22	39 18	13	37 20	36 11	30 8	35 16	38 16	23	15	37. 16.
NORRISTOWN	MAX	69 27	62 29	58 29	55 27	49 41	47 32	37 29	42 30	46 26	30 18	30 16	25 13	22	28 15	30	36 23	36 19	35	28	42 20	24	39 23	46 24	33	32 22	42 26	18	38 20	34 18	32	0	38.
PALMERTON	MAX	58 22	58 23	54 25	52 25	46 32	46 30	3 2 2 8	37 26	35 24	28 17	24 6	21 4	18	23 10	24 8	33 18	36 15	41 36	42 31	42 15	18	37 15	41 28	31 20	29 19	40 21	26	36 13	31 11	28	- 1	34. 17.
PHIL OREXEL INST OF TEC	MAX	67 37	62 43	53 40	54 32	49 44	47 32	38 30	40 34	36 28	30 23	28 17	24 15	22 13	28 16	29 12	38 26	42 22	45 34	41 31	42 22	25 18	37 25	37 23	32	32 25	31	32 24	38 20	34 20	32 4	16	37° 24°
PHILADELPHIA W8 AP	MAX	66 25	61 37	53 38	54 30	50 45	47 34	40 31	44 27	37 28	29 21	29 18	25 15	23 13	29 11	29 11	37 25	40 18	49 38	43 30	43 23	31 17	38 31	38 21	32 22	33 25	43 29	32	37 17	34 17	33	15	38. 23.
PHILAOELPHIA PT 8REE2E	MAX	68 43	59 47	52 44	52 38	50 44	46 34	38 31	43 37	37 28	30 23	29 22	25 19	24 16	28 20	30 18	37 30	36 29	44 36	40 31	42 23	26 18	37 27	37 28	34 28	32 25	42 26	32 25	37 27	35 29	33 18	18	37. 28.
PHILIPSBURG FAA AP	MAX	62 18	54 19	50 24	51 26	52 25	40 24	24	26 22	27 13	16	14	10 - 3	- <sup>7</sup>	16	18	27 18	29 23	33 24	47 24	34 10	15	31 15	33 13	18	23 12	34 11	-11	30 10	30 15	17 - 4	- 6	29. 11.
PHOENIXVILLE 1 E	MAX	66 20	60 22	56 23	55 26	48 35	46 32	37 30	41 32	40 25	38 26	32 14	23 12	21 10	28 14	27 6	35 9	35 13	43 15	41 21	42 24	26 12	37 15	37 15	20		41 24	37 12	36 14	32 14	33 13	22	38. 18.
PITTSBURGH W8 AP 2	MAX MIN	61 23	60 23	57 23	62 32	47 33	33 25	27 24	29 22	25 15	17 13	14	- 11 - 5	- 8 - 5	20	30 7	29 26	33 23	34 24	45 24	34 23	28 20	31 28	34 13	17 9	34 17	34 11	27 7	30 16	34 20	20	12	31. 16.
PITTSBURGH W8 CITY	MAX MIN	64 29	59 27	60 29	64 34	48 35	35 26	30 26	35 26	31 19	23 16	21 9	18	13	26 12	34 15	32 29	37 28	40 32	53 30	38 26	31 21	36 31	38 18	24 15	37 22	38 22	30 15	34 25	39 22	22 10	16	35. 21.
PLEASANT MOUNT 1 W	XAM	64 22	60 22	55 21	54 21	55 21	42 31	22	29 22	30 15	35 12	20 8	- 6	- 18 - 4	- 1	19 - 2	19	26	30 16	33 21	37 14	17 - 9	20 - 4	33 20	35 15	23 3	30 12	32 -11	24 -12	30 10	28 - 5	- 9	31. 8.
PORT CLINTON	MAX MIN	64 18	65 19	61 19	59 20	53 23	50 35	45 22	34 24	40 16	3 5 8	2 9 2	27 1	22	20 4	26	25 11	36 9	37 18	40 21	41 22	32 9	27 8	37 23	42 12	35 15	31 14	42	25 7	37 6	31 13	- 5	37. 12.
PUTNEYVILLE 2 SE OAM	MAX MIN	60 19	62 19	63 19	60 22	60 29	55 31	33 23	27 23	30 21	30 13	20 10	- 9	- 14 - 8	- <sup>11</sup>	- 3	2 6 8	31 24	31 28	35 21	46 26	28 16	33 17	33 26	34	20 8	35 19	30 - 3	- 21	31 12	34 11	- 1	33. 13.
OUAKERTOWN 1 E	MAX MIN	64 21	60 23	57 22	57 21	45 37	46 36	41 27	38 31	37 23	32 16	25 11	23 9	18	24 12	25	32 22	32 14	41 31	41 31	39 22	25 11	35 14	39 15	39 19	28 18	39 23	35 3	35 13	33 15	33 10		36. 18.
READING WB CITY	MAX MIN	67 30	61 33	58 31	55 30	50 40	46 29	35 28	39 29	3 8 2 5	29 19	26 16	2 <b>2</b> 1 3		26 15	27 15	37 24	37 22	42 36	42 30	43 19	21 15	37 19	43 28	31 21	28 21	41 26	28 16	38 19		29 5		36. 22.
RENOVO	MAX MIN	54 17	55 17	52 18	49 18	49 22	54 24	40 23	32 25	35 18	30 13	28 9	- <sup>22</sup>	21	16 - 1	26 3	24	33 18	36 26	38 24	42 24	32	25 7	36 20	40 9	31 11	30 16	- 37 - 3	29 - 4	3 <b>4</b> 8	31 8		34: 11:
RIOGWAY	MAX	65 15	65 16	62 17	61 18	60 21	56 27	33 25	28 25	27 20	29 13	20 7	17 -15	15 -14	- <sup>11</sup>	20 - 3	22	32 22	31 26	34 19	45 22	24 10	27 13	3 <b>2</b> 26	35 12	21 11	35 19	- 9 - 9	26 -13	30 5	33 10		33 · 11 ·
SALINA 3 W	MAX MIN	62 17	63 17	61 18	61 25	58 35	43 27	29 20	32 23	31 20	22 7	17 6	13 -10	- 12 - 4	- 21 - 2	30 0	31 25	33 25	40 28	49 21	45 23	27 12	36 25	36 22	24	33 16	36 21	2 8 2	31 21	41 13	32 9		35.
SCRANTON	MAX MIN	60 26	59 25	58 29	58 29	56 29	46 35	48 25	32 24	36 23	37 16	25 12		22	16 6	20	29 9	29 11	34 19	39 31	43 29	30	29 4	35 28	42 20	30 17	34 17	36 8	30 9	35 14	32 10	- 4	35. 16.
SCRANTON WB AIRPORT	MAX MIN	55 25	55 27	56 29	49	41 33	45 30	30 27	32 25	32 23	24 15	18 5	16	12	19 7	2 2 6	25 10	31 10	35 31	39 29	3 8 7	23	33 22	38 25	26 17	30 17	34 18	2 <b>6</b>	31 18	30 18	25 - 2		31. 16.
SHIPPENSBURG	MAX MIN	62 24	58 28	55 25	55 26	56 26	48 30	32	38 28	32 24	28 15	23 8	22 6		24 10	25 11	35 22	36 26	40 33	40 34	44 30	30 16	38 13	42 26	38 16	26 20	38 20	30 8	37 15	33 16	28 14		36 · 19
SLIPPERY ROCK	MAX MIN	67 27	65 28	60 42	65 36	55 31	36 26	28 24	30 24	26 18	20 14	16 10	15 - 2	- 8	23 6	25 7	30 24	32 25	32 29	47 29	40 20	24 18	31 23	34 19	20 9	31 15	34 18	26 4	32	34 20	25 17		334 18 <sub>1</sub>
STATE COLLEGE	MAX	57 25	57 25	58 26	54 27	49 26	53 30	34 24	29 24	31 24	29 12	21	19	15	10	21	23 13	30 20	34 28	36 28	47 29	32 10	24 10	35 24	37 12	22 12	31 18	33 7	27 6	32 19	32 12		33 <sub>4</sub> 16
STOYSTOWN	MAX MIN	59 21	64 23	60 23	56 24	56 27	60 24	26 16	25 18	32 19	27 9	16	15 - 4	- 11 - 8	-10	17 5	31 11	29 24	32 25	38 27	50 30	32 12	30 12	34 25	34 8	28 9	35 14	31 1	28				33.
STROU0 SBURG	MAX MIN		54 20	52 19	50 19	43 29	50 28	31 25	35 21	34 19	28 15	22	- 18 - 2	16 5	22 5	24	31 15	29 8	40 25	37 25		14	35 12	40 20	28 14		37 16	- 25 - 2	27 6		30 - 4	<b>8 -</b> 6	32. 12.
SUNBURY	MAX MIN	57 19	57 20	57 20	58 24	49 24	50 28	45 25	33 24	38 17	30 14	26 9	26 0	26 2		20	25 6	36 13	37 18	39 25	42 27	35 8	26 8	40 15	42 15	28 15	29 20	38 6	25 6				36. 13.
TIONESTA 2 SE DAM	MAX MIN		60 16		59 19	61 20	45 24	34 28	29 25	27 12	26 14	21 8	16	15	14 - 5	19 - 3	23 6	31 22	32 27	36 22	43 15	23 11	27 15	33 26	34 13	20 10	34 14		27 - 5			13	32. 12.
TITUSVILLE WATER WORKS	MAX MIN		59 10			41 22	38 25	27 23	26 20		18 10			- <sup>6</sup>		19 - 4		29 22	34 27	40 16	32 10	18	27 14	31 13	19			25 -17	27			6 - 6	29. 8.
TOSYHANNA	MAX MIN		57 26	57 21	54 23	46 37	45 32	32 20	31 20	31 16	27 9	20		12	18	19		26 5	33 25	38 25		- 1 - 1	29 10	35 21	32 14	22					27 - 4		31.
TOWANDA 1 ESE	MAX MIN		54 20	52 22		44	45 34	36 25	35 26	35 23	29 14	22		16		25 0	29 12	34 3	39 31	43 24		18	35 15	41 18			35 21		34 18		31 - 2	8 - 5	33. 13.
TOWER CITY 1 S	MAX MIN		59 22	58 23		59 24	49 33	44	31 26	36 17	32 5	26		18		21	23	32 10	34 22	37 23	44 30	32 11	30 12	36 28	40 17	28 17	27 19	36 2	24			18	35. 14.
UNIONTOWN	MAX MIN		65 20	64 25	63 38	56 40	44 27	28		31 21	21 15	20 11	14		25 10	35 8	35 30	37 29	39 20	51 24	43 29	30 18	42 28	38 28		37 20	39 27						37. 20.
WARREN	MAX		61 19	60 22		48 28		34 27	30 25	28 21	24	20		11 - 2		22	32 15	32 22	35 28	42 27	32 12	21	32 20	35 18		30 10		30	31			9 - 3	32 e 14 e
WAYNESBURG 1 E	MAX	62	65 14	64		65 26	53	31	30	35 20		20	19	1 4 - 8		24	36 8	33 25	40 13	38 17	53 24	35 20	38 20	37 29		23 11	38 20	34	31				37. 13.
WELLSBORO 3 S	MAX	61	60	55	54	55 29	54 33	38 21	27 24	29	27			15			17	28 16	31 22	35 26		18 - 3	27		34 12			31				10	31 · 14 ·
WILLIAMSPORT W8 AP	MAX	56	55	52	50	54	44	32 27	35	29	26 17	22	20	15	23			35 11	37 33	38	40 12	20	37 18	42	28 17	27 18	35 17	23	35 15			13	33. 16.
YORK 3 SSW PUMP STA	MAX	65	61	59	53	52	48	35 28	40	34	30 15	27	23	19	27	28	37	36 20	44	38	40 28	28 16	41 16	45		27 21	41	35 9					37. 18.
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#### DAILY SOIL TEMPERATURES

PENNSYLVANIA DECEMBER 1962

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Station																Day	of mo	onth															0.00
Dopth		I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
ERIE CO FIELD RSCH LAS	1																									1				П			
8 INCHES	MAX	40 38	39 37	40 38	42 39	42 41	41 40		39 37	37 37	37 36	37 36	36 36	37 36	37 36	36 36	36 36	36 36	36 36	36 36	37 36	37 36	36 35	35 35	36 35	36 35	35 35			35 35	36 35		37.3 36.4
LANDISVILLE 2 NW																																	
2 INCHES	8 AM	34	34	-	-	38	40	38	36	36	34	32	31	30	29	29	30	30	30	30	30	30	-	30	31	30	30	30	29	29	30	29	31.8
STATE COLLEGE 2																																	
2 INCHES	MAX	37 33	37 34		38 34	40 34			37 36	37 36	36 34			33 32	32 31		32 31		33 32	33 32	33 32	31 30	32 31	32 32	32 29	31 29	32 30	30 26	30 29	31 28	31 24	22 19	33.6 31.5
4 INCHES	MAX	38 35	38 35	38 35	38 35	40 36		38 37		37 36	37 35		35 34		33 32		32 32		33 32	33 32	33 33	33 32	32 32	33 32	33 30	32 30	32 31	30 28		31 29	32 26	25 21	34.2 32.4
8 INCHES	MAX MIN	38 37	39 37	39 37	39 37	40 37	40 39	39 38	39 38	38 37	39 37	38 36	37 35	36 34	35 34		33 33	33 33	34 33		34 34		34 33		34 33		34 33	34 32	32 32		33	30 26	35,6 34.3
12 INCHES	MAX MIN	40 39	40 39	40 39	40 39	40 39	41 40	41 40	40 39	40 39	40 39	39 38	38 37	38 37	37 36	36 35	36 35	36 35		36 35	36 35	36 35	36 35	36 35	36 35	35 35	37 35			35 34	35 34	35 33	37.5 36.5
16 INCHES	MAX MIN	41 40	41 40	41 40	40 40	41 40	41 41	41 41	41 40	41 40	41 40	40 39		39 38	38 37	37 36	37 36	37 36	37 36	37 36	37 36	37 36	37 36	37 36	37 36	36 36	37 35	37 35	36 35	36 35	36 35	36 34	38.4 37.4

ERIE CO FIELO RSCH LAB - SLOPE OF GROUNO, FLAT. SOIL TYPE, LAKE TERRACE CLASSIFIED AS CONOTION GRAVELY LOAM, GROUND COVER, RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION, TAYLOR RECORDING THERMOMETER.

LANOISVILLE 2 NW - SLOPE OF GROUNO, GENTLE SLOPE TO THE WEST. SOIL TYPE, OUFFIELD CLAY LOAM, GROUND COVER, PERMANENT BLUE GRASS SOO WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2 - SLOPE OF GROUND, GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE, HAGERSTOWN SILT LOAM. GROUND COVER, KENTUCKY BLUE GRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER.

#### SUPPLEMENTAL DATA

	Wind	direction		Wind	speed p. h.		Relati		idity ave	rages -		Numl	per of da	ays with	precip	itation			pet .
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 A EST	7:00 A EST	1:00 P EST	7;00 p EST	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sun
ALLENTOWN W8 AIRPORT	WSW	15	11.6	51++	WNW	31	77	79	63	72	9	2	6	1	0	0	18	-	5.9
ERIE W8 AIRPORT	SW	15	16.8	32++	SSW	23+	77	77	73	78	12	4	7	4	0	0	27	-	8.6
HARRISBURG W8 AIRPORT	NW	26	9.3	35	NW	31	71	74	62	65	6	3	3	1	1	0	14	45	6.7
PHILADELPHIA W8 AIRPORT	WSW	14	11.2	36	NW	30	63	64	54	61	6	2	5	1	0	0	14	52	6.3
PITTSBURGE W8 AIRPORT 2	WSW	21	9.8	32++	WSW	7+	80	85	69	71	7	11	5	0	0	0	23	49	8.1
READING W8 CITY	W	-	10.6	65	NW	31	-	-	-	-	5	4	2	2	1	0	14	46	6.1
SCRANTON W8 AIRPORT	SW	18	9.2	45	W	30	73	77	66	70	9	10	3	0	1	0	23	39	7.3
WILLIAMSPORT W8 AIRPORT	W	23	9.6	41++	NNW	30	76	75	61	71	8	8	5	0	1	0	22	-	7.3

					21,	VV	1 VV	: A.	ىلى	Al	עויו	SI	NC	7 4 4		IA	GF	10	OIV	עו										ECEME		
Station				1			_									Day	of m	onth							,	T						_
	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALLENTOWN W8 AIRPORT	SNOWFALL SN ON GNO WTR EQUIV						Т	.07 T	T	1.9 T	1	Т	Т	T	T	T	Ť	T	т	Т	т	3.7 T	1.1 3 .7	7 3 •7	3	2.0	4	.5	4	4.0 3 .6	7 .10	7
AUSTINBURG 2 W	SNOWFALL SN ON GNO							6.0	2.0	8	1.0	9	9	9	9	9	2.0	T 10	10	10	7	6	1.5	T 7	T 6	6	6	6	6	6	1.0	T 6
8RAOFORO FAA AIRPORT	SNOWFALL SN ON GNO						1.2 T	3.4	.8	2.0	1.7 16	T 16	T 16	.7 16	1.5	1.5	2.1	T 23	T 18	18	T 15	2.6 15	1.4	2.5 20	1.0	T 19	2.0	T 20	1.0	3.5 19	1.4	20
8RAOFORO 4 W RES	SNOWFALL SN ON GNO						6.0	8.0	1.0	1.0 15	1.0	1.0 15	.5 15	.5 15	2.5 16	2.0 16	1.0	14	T 12	9	9	.5 9	3.0 12	2.5 13	1.7	12	1.5	10	10 10	2.6	2.5 15	.5 15
CANTON 1 NW	SNOWFALL SN ON GNO							9.3	9	7 9	T 9	9	9	9	9	9	1.2	10	T 10	9	8	8	4.4 12	12 <sup>5</sup>	12	12	12	12	11	10	1.4	T 11
CARLISLE	SNOWFALL SN ON GNO						2.0	T 2	2	2.0	3	3	3	3	3	3	2	2	1	т	т	1.5	.5 2	2	2	3.0	4	T 4	4	4.5	8	8
CARROLLTOWN 2 SSE	SNOWFALL SN ON GNO						5.0	11.0	.4 16	2.0	4.0 18	1.0 16	1.0 16	16	1.0 16	1.0 15	1.0 15	15	T 14	13	9	8	2.0	1.0	2.0	T 10	1.0	T 10	1.0	9	3.0 12	1.0
CORRY	SNOWFALL SN ON GNO						3.0	12.0	2.0	11	3.0 14	1.5	3.0 14	2.0	5.0 17	1.5 15	T 14	T 13	11	10	9	9	3.5 12	2.5 14	3.0	14	3.0	14	.5 13	2.5 15	6.0 19	1.0
OONEGAL	SNOWFALL SN ON GNO	=	-	Ξ	-	-	-	-	=	=	-	-	-	-	-	-	-	Ξ	-	-	-	-	-	-	=	=	=	=	=	=	-	-
OU 8015 FAA AIRPORT	SNOWFALL SN ON GNO						6.0	1.0	T 7	3.0	2.0	T 13	.1 13	T 13	T 13	T 13	1.0	T 14	12	12	T 7	1.0	4.0	1.0	1.0	T 12	1.0	T 12	T 12	5.0 10	T 15	T 15
OU 8015 7 E	SNOWFALL SN ON GNO						6.0	4.0	10	3.0	1.0	1.0	T 11	10	1.0	T 11	1.0	T 10	9	7	7	. 5 7	2.0	1.0	T 8	8	1.0	T 8	8	2.0	.5 10	10
ENGLISH CENTER	SNOWFALL SN ON GNO	-	-	-	-	-	5	7	7	7	8	7	7	7	7	7	8	8	- 6	<del>-</del>	<b>-</b> 5	5	-	9	9	9	9	9	9	9	12	-
ERIE WB AIRPORT	SNOWFALL SN ON GNO WTR EQUIV					.3	1.0	;3	T	Т	9.2	11	1.9 14 1.7	2.8 16 2.2	2.1 19 3.8	.4 16 3.4	T 14 3.3	T 10 3.2	7 2.1	3	T 2	T 2	3.2 5	2.0	.2	3	1.2	T 3	.1	1.1 1	.1 2	T 1
EVERETT 1 SW	SNOWPALL SN ON GNO	_	_	_	_	_	_	3.5	2.5	_	.5	1.5	_	_	_	_	_	.5	_	_	_	_	2.0	3.0	_	2.0	1.0	_	_	_	1.0	4.0
FORO CITY 4 S OAM	SNOWFALL SN ON GNO						3.0	3.0	.5	1.0	2.0	T 8	7 8	8	.5 8	8	1.0	8	6	3	1	T	1.0	1.0	T 1	1	T	1	1	T 1	Ţ	T 1
GALETON	SNOWFALL SN ON GNO							12.0		12	3.0	1.0	14	12	.8	10	1.8	11	10	8	8	8	2.8	T 10	10	10	10	T 10	10	10	1.8	11
GEORGE SCHOOL	SNOWFALL SN ON GNO							.2 T			.8	1	1	т	T T	т	Т	т	Т				3.5	3	2	.3	2.0	3	T 3	3	.5	3
GREENSBORO LOCK 7	SNOWFALL SN ON GNO						1.0	2.0	.5	2.2	3.3	.4	÷4	T 6	T 6	T 6	6	4	3	1	т	2.0	1.0	T 1	1	2.0	Т			T		T
HANOVER	SNOWFALL SN ON GNO							3.0	2	1	.5 1	1	1	1	1	1	1	т	т				3.0	2	1	T	2.5	1	1	1	6.0	6
HARRISBURG W8 AIRPORT	SNOWFALL SN ON GNO WTR EQUIV						3.6	.6	2	.7	2	1	т	T	T	T	T	T T	т	т		2.8	.3	2	2	2.6	4	T 3	3 .7	6.0 2	7	5
HOLTWOOO	SNOWFALL SN ON GNO							.5 i	т	т	T	т	Ŧ	Т	T	т	T	T	т	т	Т	т	3.5	3	2	.5	1.	3	T 3	2	6.0	6
INOIANA 3 SE	SNOWFALL SN ON GNO						3.4	7.2	1i <sup>5</sup>	10	4.3	1.6	1.0 15	15	.4 15	T 15	1.0	T 13	9	8	5	T 3	1.0	.8	. 2	.1	T 2	T 2	.2	.2	1.0	.5
KANE 1 NNE	SNOWFALL SN ON GNO						1.0	11.0	1.0	T 12	1.5	2.0	15	.5 15	1.0	1.0	2.0	13	13	12	11	10	3.0	1.5	1.0	14	1.0	.5 15	14	T _	5.0	.5
LANCASTER 2 NE PUMP STA	SNOWFALL SN ON GNO						2.5	2.5	Т	i <sup>4</sup>	т	т	т	Т	т	T	Т					1.8	2	2	1	3.5	3	3	1	1.5	4	4
LAWRENCEVILLE 2 S	SNOWFALL SN ON GNO						2.0	3.0	5	.5	T 5	5	5	T 5	.5 5	T 5	.5	T 5	4	3	3	1.0	1.5	T 4	4	4	T 4	4	T 4	.3	T 4	4
LEWISTOWN	SNOWFALL SN ON GNO							2.0	1	1	2.0	3	3	3	T 3	1	1	1	1	т	т	т	2.3	2	2	2	2.5	2	2	1	4.0	5
MARTINSBURG FAA AP	SNOWFALL SN ON GNO						-	.6	T 5	.5	4	T 4	4	T 3	T 3	T 3	T 3	3	3	2	т	2.1 T	2.1	T 2	T 2	2.0	T 2	2 2	3	3.0	.3	6
MATAMORAS	SNOWFALL SN ON GNO								1.0		2.5	1	1	1	1		2.3	2	1	1			3.5	4	3	3	3	3	3	2	4.0	6
MEAOVILLE 1 S	SNOWFALL SN ON GNO						3.5	13.	1.7	11	1.7	1.3	1.0 11	.6	5.4		1.3	T 10	10	9	8	8	3.3	1.6	1.8			.3 8	8	1.0	3.4	1i <sup>7</sup>
MEOIX RUN	SNOWFALL SN ON GNO						.8 i	1	.9	.2	2.5	.2	1i <sup>1</sup>	T 10	.9 11	1i1	.5 11	.3 11	111	8	4	4	2.0	2.3	T 8	T 8	.6	T 9	T 9	8	2.5	.2
MONTROSE	SNOWFALL SN ON GNO							4.0	2.5	.5	2.5	.8	5	5	.3	T 5	2.0	6	1.4	6	5	Ť 5	2.5	2.5	T 8	8	.5	8	T 8	.1	4.0	
NEWPORT	SNOWFALL SN ON GNO							3.5	3	2	2.0	2	2	2	1	1	1	Ť 1	т				2.5	2	2	Т	3.0		_	-	4.2	6
PHILAOELPHIA W8 AP	SNOWFALL SN ON GNO WTR EQUIV						т	i <sup>4</sup>		1.1	1	Т	т	Ť	T T			т				2.7	2	1	Т	1.5 T	1	T	т	3.8 T	T 1	1
PHILIPSBURG FAA AP	SNOWFALL SN ON GNO						- 2	1.3	.1	10	T 11	т 11	T 11	T 11	.2 11	1i1	.1	T 10	T 9	9	7	.7	1.1	.3	T 8	T 8	T 8	T 8	T 8	3.1	.2	10
PITTSBURGH W8 AP 2	SNOWFALL SN ON GNO WTR EQUIV					2.0		2.6	T 5	.4	.3	.3	.1	41	.8	T 4	.2	3	2 .2	2	т	1.1	T 1	.3	T 1	T	.2	T	1	T	.1 †	T
PLEASANT MOUNT 1 W	SNOWFALL SN ON GNO						.,	4.0	1.3	1.4	1.8	1.0	8	8	.5	7	.8	T 8	.6	8	7	6	5.0 11	1.0	T 12	10	1.0	10	T 10	T 10	2.0	

CONTINUED

# SNOWFALL AND SNOW ON GROUND

PENNSYLVANIA DECEMBER 1962

C.																Day	of m	onth														
Station		ì	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
READING WE CITY	SNOWFALL SN ON GNO						1.5	.5	T 1	.5 T	1	T	Ť	T	Ť	Т	Т	T				2.1	.6	2	1	2.0	3	.2	2	4.8	.4	5
SCRANTON W8 AIRPORT	SNOWFALL SN ON GNO WTR EQUIV						.4	1.3	T 1	2.8	.6	3	3	.1 3	.2	.6 2 .2	.6 3	.3	3	2 . 2	T 1	1.0	1.0	.3	2	T 2	T 2	T 2	T 2	3.0		3
SHIPPENSBURG	SNOWFALL SN ON GNO						4.0	T 4	3	2.0	T 4	4	3	3	T 3	3	2	2	1	Т	Т	1.0	2.0	2	1	3.0	T 3	3	3	6.0	1.0	7
SLIPPERY ROCK	SNOWFALL SN ON GNO						2.0	2.0	T 4	3	T 3	T 3	3	3	1.0	T 4	. 6 3	3	3	2	1	1	.5 1	2.0	7	3	.5	1	1	.4	.5	7 2
TIONESTA 2 SE OAM	SNOWFALL SN ON GNO						1.0	6.0	1.0	T 8	1.0	1.0	T 9		2.0	T 11	.5	T 10	T 8	6	5	5	1.5	1.0	T 7	T 7	.5	7 7	7	1.0	5.0	1
TOWANOA 1 ESE	SNOWFALL SN ON GNO							3.0	2.0	1.5	2.5	4	4	3	T 3	T 3	2.5	T 5	.5	4	3	2	1.5	2.0	4	4	3	T 3	3	3	.8	1
TOWER CITY 2 E	SNOWFALL SN ON GNO							5.0	T 5	5	1.5	7	7	6	T 6	5	5	5	4	4	3	2	2.7	4	4	T 4	1.5	5	T 5	5	5.0	8
WAYNESBURG 1 E	SNOWFALL SN ON GNO						4.0	5.5	1.5	2.7	.5	.2	. 3 7	7	1.2	7	T 6	6	4	4	2	3.5	4	3	3	1.5	T 3	2	T 2	2	T 1	T
WILLIAMSPORT W8 AIRPORT	SNOWFALL SN ON GNO WTR EQUIV						5.3	1.4 6 .6	.3 5 .6	2.6	.2	T 6 .6	5	.4	.5	.7 3 .4	.3	T 3 .5	T 3	3	2	2.1	1.4	T 4	3 . 4	.1 3 .4	.1 3 .4	T 3	T 3	2.3	T 5	5

## CLIMATOLOGICAL DATA

PENN5YLVANIA OELAYEO OATA

				Ten	nperot	ure											Precij	pitotion					
										1	No. of	Doy	s					Sno	w, Sleet		1	۱о. о	f Doys
\$tetion	Averoge	Average Minimum	Average	Departure From Normol	Highest	Date	Lowest	Date	Degree Days		32° or X Below		0° or Below	Totol	Departure From Normat	Greatest Day	Dote	Totel	Max. Depth on Ground	Date	.10 ar More	.50 ar More	1.00 ar More
JUNE 1962																							
TIONESTA 2 SE OAM	77.7	52.1	64.9		86	30+	42	3	49	0	0	0	٥	2.34		•56	12	•0	0		6	3	0
JULY 1962																							
CLARION 3 SW OONEGAL	78.6	49.9 54.2	64.3 66.1		90 87	7	36 39	27 17	42 35	0	0	0	0	1.80		.55 2.58		•0			7		0
OU BOIS FAA AIRPORT FRANKLIN	80.4M	54.3M	67.4M		90	8+	42	19	29	3	0	0	0					.0	0				
SEPTEMBER 1962	1																						
RENOVO	71.6	43.3	57.5		93	1	33	23+	243	1	0	0	0	5.37	2.70	2 • 40	28	.0	0		9	3	1
NOVEMBER 1962																							
EAGLES MERE	41.5M	28.6M	35.1M		60	30	18	20+	892	0	2	20	0	2.49		1.09	4	10.5	9	4	3	2	1

#### DAILY TEMPERATURES

																Day	of <b>m</b> o	nth															969
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
JUNE 1962											· ·	1																					
TIONESTA 2 SE DAM	MAX MIN	78 56	79 50	66 42	76 45	75 45	68 56	76 44	79 46	82 48	82 53	80 65	82 61	70 56	63 56	72 52	76 50	80 51	84 46	86 60	77 53	64 53	76 51	81 54	81 60	82 54	82 49	81 48	82 49	85 55	86 56		77.7 52.1
JULY 1962																																	
CLARION 3 SW	MAX	82 56	82 40	75 54	82 51	85 44	89 45	90 49	82 52	82 52	77 39	84 46	74 58	77 50	62 54	72 54	75 53	74 55	74 55	82 44	84 51	80 58	80 53	74 54	75 52	78 52	78 48	78 36	82 39	76 50	75 50	87 52	78.6 49.9
DONEGAL	MAX MIN	80 59	71 52	64 57	69 54	77 52	85 51	87 56	85 60	72 58	81 47	86 46	80 62	84 60	74 58	79 62	82 58	81 39	78 56	81 48	82 48	79 63	79 60	78 59	72 55	75 54	67 49	70 46	79 43	75 54	84 55	82 60	78.0 54.2
DU BOIS FAA AIRPORT	MAX MIN																										63 50	69 46	76 49	75 59	81 60		
FRANKLIN	MAX	80 61	81 48	71 59	81 55	85 52	90 52	90 58	90 59	70 59	80 48	78 54	88 53	82 57	67 58	80 59	84 58	82 56	81 57	83 42	88 58	81 65	82 60	82 54	78 44	78 54	82 58	65 45	74 46	78 46			80.4 54.3
SEPTEMBER 1962																																	
RENOVO	MAX MIN		80 62	72 42	81 48	68 52	65 37	70 34	74 34	79 37	75 49	86 52	75 46	84 46	88 49	80 47	79 45	80 45	65 47	67 44	60 35	57 34	62 33	64 33	69 37	71 38	58 40	65 46	60 46	67 46	55 39		71.6 43.3
NOVEMBER 1962																															1		
EAGLES MERE	MAX MIN		45 29	45 32	33 29	29 24	39 25	35 24	41 25	42 34	50 35	52 37	37 29	42 29	36 29	39 25	44 25	44 33	36 29	30 18	38 18	34 26	42 34	44 36	42 34	40 26	35 20	40 20	52 29	67 36	60 39		41.5 28.6

Station															Day	of m	onth														1	3
Station	, 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	10
JUNE 1963	Ŧ														T									,							-	
KARTHAUS	.22	т			.04	.72					Т	.66	.44	. 52	_	_	_	-	_				_				_		_			
TIONESTA 2 SE DAM	. 50				. 06	. 26					т	. 56				.0.	. 16	. 01					.02	.16	. 01							2.34
TURTLEPOINT 4 NK	.07				. 40	.77					1.15	. 50	.45	. 20											.10							3.64
JULY 1962																																
CLARION 3 SW			.02	.13					. 03				. 55		.18			.02			.35		.10	. 13		.10	. 06			0.8	05	1.80
DONEGAL			2.58					. 57				.15		. 20		.10	. 09	. 03				. 01		.01					.01			4.44
DU BOIS FAA AP		_		_	_	- 1	_	_	_	- 3	_	_	_			_	_	_	_	_	_			-		.08			.04			
FRANKLIN	.05		.10	.15					. 37				. 07	. 07	. 06	. 07		т			.38	. 21	. 22	. 36		. 98	. 08			_		
POTTSVILLE													. 23		. 15			.03	. 26			. 06		. 69		.12				.01	. 03	1.58
TURTLEPOINT 4 NE	.04								. 17				. 15	.02				. 47			. 14	. 45		. 24		.92	. 05					3.27
AUGUST 1962																																
BERNE					.05		.15	.91	.14	.75	.95						т				.13	. 29						. 27				3.64
COOKSBURG	.01					.06		. 03					.38	.34	.01		.05			. 08	1.13						. 67					3.90
DUSHORE 2 SSW	. 56						.16	.01	. 14	. 61	. 07			.11						.05	. 24							.64				2.59
GEIGERTOWN					.10		. 04	.68	. 54	1.66	.60										. 28							. 20				4.10
MYERSTOWN				. 02			.01	1.29	.08	4.62	. 20						. 54				.18	.12						.32				7.38
POTTSVILLE	.15				.07		.05	.18	. 03	1.10	. 28			т							,14	. 09						2.3				4.45
TAMAQUA	T	. 04		. 07	.05	.17	.04	.19	. 30	1.31	.36									.06								1.7				4.62
TYRONE 4 NE BALD EAGLE					.32		.86	.04	.05	. 52	.04			.08							. 37	. 19					т					2.47
VIRGINVILLE			.14				.95	1.20	.15	.45	.48							. 31				. 54						.11				4.37
SEPTEMBER 1962																																
RENOVO	.06	.12	.08		. 27	. 25	.02	. 58							. 04		. 01	.18	.03	. 24						.11		2.40	.98			5.37
OCTOBER 1962																																
KARTHAUS				.08	.30	T			. 33	.05	. 48	.30	.02				Т				.04		Т	. 20	т	. 27	. 05		. 09		. 31	2.52
NOVEMBER 1962																																
CARTER CAMP				. 15						1.02	.18						. 07	.15				. 23	Т				1					1.80
CHADDS FORD	. 04		.34	1.34						2.21							. 04	. 25	.76	.18	. 22	1.11					1					6.49
COOKSBURG	.01	.01			.16			т			. 1	.66	.01	.02		. 0			. 41	т	Т		. 20	.30								1.80
DUSHORE 2 SSW				. 81		т				1.12	.07	T	T	Т			Т		.12	.02		. 33	.05									2.52
EAGLES MERE				1.09		Т			Т	.91	. 05	т	т	Т			. 02	. 02	. 08	. 03		. 29	т									2.49
EQUINUNK 2	.03			. 56						. 40	. 41							. 09	.01			. 47	. 05									2.02
LEWIS RUN 3 SE	.08				.04	, 03	- 1			. 83	. 42	.04						. 51		. 01	.02	. 39	. 29	. 04								2.70
TURTLEPOINT 4 NE	1			.18						. 63	. 47	T	Т				.10	.14		т		. 38	.18	. 02								2.10
												- 1																				

CORRECTED DATA

September 1961 Station Index Lebanon 4 WNW #36-4893-3 Lat 40° 21', Long. 76° 29', Elevation 590.

The data published for this station in all Climatological Data Bulletins effective in September 1961 was listed as Lebanon 3 W #36-4891-3.

	NO.		÷	DE	JDE	NO	T	IME .				NO.		)E 1	DE	UDE	NOI	TI	ERV. ME .		1962
STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECUP.	SPECIAL ST	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION			SPECIAL B	OBSERVER
APOLLO 2 W ARFNOTSVILLE AUSTINBURG 2 W BAKEPSTOWN 3 WNW	0099 0106 0111 0134 0204 0229 0313 0355	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR WESTMORELAND ADAMS TIOGA ALLEGHENY WAPREN	1 9 6 7 15 15	40 32 41 12 40 39 40 36 40 36 40 35 39 55 42 00 40 39 41 40	79 49 78 55 75 26 75 28 78 29 79 36 77 18 77 32 79 59 79 02	748 1600 376 254 1500 1060 710 1590 1230 1310	MIO 7A 6P 8A TA 3P	7A	c	CORPS OF EMGINEERS CHARLES H. ALLEN JU AS MEATHER BUREAU LEHIGH VALLEY GAS OTV. ALTODNA WATER BUR- EUGENE R. YOUNG DA. STATE COL. EXP.STATE OUTTO O. BACON PGH. CUI FLOWER CO. CORPS OF EMGINEERS	REGG RETILE CREEK DAM KITTANNING LOCK 7 RRESGEVILLE 3 W LAFAYTYE MC KEAN PARK LAFF MINISINK LAKCASTER 2 NE PUMR STA LANCASTER 2 NE FILT PL LANCASTER 2 NF FILT PL LANCASTER 2 NF FILT PL	4545 4611 4672 4706 4727 4733 4758 4763 4778	WAYNE LANCASTER LANCASTER LANCASTER	16 / 9 / 1 / 5 / 15 / 15 /	39 59 1 41 22 40 49 40 54 41 48 41 13 41 27 40 03 40 07	78 43 77 56 79 32 75 34 78 40 75 03 75 16 76 17 76 17 76 26	1280 930 790 720 2130 1360 1440 255 270 360		TA 8A 6P	c	PA. TURNPIKE COMM. CORPS OF ENGINEERS CORRS OF ENGINEERS CITY OF BETHLENEM INACTIVE 12/59 MRS. IREME FUREMAN MRS. GLAOYS KEINERE LANCASTER WATER BUR- LANCASTER WATER BUR-
SFAR GAP BFAVER FALLS REAVERTOWN RECHTELSVILLE RFLLEFONTE 4 S REPNE REPWICK RETHLEMEM	0457 0475 0482 0488 0530 0599 0611 0629	LUZEPNE NORTHUMBLAND BEAVER SNYOER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON NORTHAMPTON	15 15 14 16 14 15 9	41 07 40 50 40 46 40 45 40 22 40 51 40 31 41 04 40 37 40 36	75 44 76 30 80 19 77 10 75 38 77 41 76 00 76 15 75 23 75 23	1505 900 160 640 400 1110 325 570 240 450	7A 8A 6P MIQ	3P 7A 7A 8A 7A 6P	7A C	CORPS OF ENGINEERS ROARING CREEK WATER CO. HOWARD R. SEMP MARLIN R. ETTINGEN PAUL W. FISHER ROCKVIEW PRISOM FAPM FLOYD W. TNUMP AMER. CAR + FMDRY. CO. CITY OF BETHLEMEN LEHIGH UNIVERSITY	LAURELTON STATE VILLAGE LAWRENCEVILLE 2 S LERANON 4 MVM LERANON 3 SW LEHIGHTON -LE ROY LEWIS PIN 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN LOCK HAVEN 2	4893 4896 4934 4972 4984 4992 5104 5109	LEBANON LEBANON CARBON BPAOFORO MC KEAN MIFFLIN CLINTON CLIMTOM	15 15 15 9 15 1 6	40 54 41 59 40 21 40 19 40 50 41 41 41 50 40 35 41 08 41 08	77 13 77 07 76 29 76 28 75 43 16 43 78 39 77 35 77 27 77 27	880 1000 590 490 580 1040 1740 480 680 630	7A	6P 7A 7A 8A 1A 7A 7A	c c c c c	JOHN P. FREY HUGH F. PARKER
BRADFORD 4 W RES	0736 0743 0763 0821 0861 0865 0867	PERPY INDIANA MONROE CUMBERLAND SOMERSET ALLEGHENY MC KEAN MC KEAN MC KEAN BEOFORD	15 1 10 1 1	40 20 40 27 41 06 40 16 40 09 40 24 41 48 41 5T 41 57 40 00	77 31 79 09 75 36 77 22 79 02 19 52 78 38 78 39 78 44 78 14	750 2048 1650 650 1810 725 2121 1500 1680 1352	5 P	8 A T A 7 A	C C H	PA. GEDT. FRST. + WIRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORPS OF ENGINEERS FEO. AVIATION AGENCY BRADFORD FIRE GEPT. WRADFORD WATER DEPT. PA. TURNPIKE COMM.	LONG RONO 2 W LINFH MADERA MAHAFFEY MAPLE GLEN MARLETON DEPOT MARCUS MODE MAPIFNVILLE 1 SW MAPION CEMTEP 2 SE MARTINSBUPG FAA AR	5336 5342 5368 5381 5398 5400 5408 5454	MOMPOE FOREST CLEARFIELD CLEAPFIELD MONTGOMERY HUNTINGOOM DELAWARE FOREST INDIANA BLAIR	1 16 16 5 6 5 1 1 1 6	41 03 41 36 40 50 40 53 40 11 40 24 39 49 41 27 40 45 40 18	75 30 79 03 78 26 78 44 75 11 77 56 75 25 79 09 79 02 78 19	1700 1610 1463	TA H10 - 6P H10	7A MID	c	THOMAS MECKES CORPS OF ENGIMEERS MRSs JULIA J. SHUFF MISS ELLEM J. HILES FRANCES E. SCHCIBME SUN OIL COULTMANN SUN OIL COULTMANN CORPS OF ENGIMEERS H FEO. AVIATION AGENCY
BROOKVILLE FAA AIRPORT RPIICFTOM 1 S BUCKSTOWN 1 SE RIEFALO MILLS BURGETSTOWN 2 W BURMT CABINS 2 NE RUTLEP SIPRISTATION CAMP KLINF CANTON 1 NW	1033 1073 1087 1105 1115 1130 1135 1203	JEFFERSON ALLEGHENY SOMERSET BEOFORD WASHIMGTOM HUNTINGOOM BUTLER BUTLER LYCOMING BPADFORD	10 4 6 11 6 2 2	41 09 40 18 40 04 39 57 40 23 40 05 40 52 40 51 41 16 41 40	79 06 79 59 78 50 78 39 60 26 77 52 79 54 79 53 77 20 76 52	1417 1065 2460 1318 980 990 1100 1140 590 1520	7A 5P 8A 7A	7A 8A TA 5P 8A 7A	C H	CLOSED OT/20/64 AUSTIN R. COUPÉR ALVIN W. MANCES CLIFFORD C. ADAMS SMITH TWP- MUN. AUTH- PA. TURNPIKE COMM- ROGER CLARK WEST FEN OMEN CO. LESLIE G. OMEN ING MRS-MILORED SPENCER	MATAMORAS Mr VEFEDORT MFADOM RUM POMOS MEADVILLE 1 S MEDIX RUM MFRCEP 2 MNE MEDCEP HIWAY SHED MEPCER SRUNG MERGEING MERGEINSG	5526 5573 5601 5606 5627 5651 5654 5652 5676	PIKE FULTOM ALLEGHENY LUZERME CRAWFORO ELT MERCER MERCER FRANKLIN MONROE	12 10 15 1 16 2 2 12 9	41 22 39 56 40 21 41 13 41 38 41 17 41 15 41 15 41 14 39 49 40 58	74 42 78 00 79 52 75 40 80 10 78 24 80 13 80 15 17 54 75 28	439 895 720 1995 1045 1100 1160 1250 615 985	TR SA		000	MRS. FRAM. STRUTHLAS PA. DEP1. HIGHWAYS ROLLIN P. GILBERT ARTMUR A. SMITH
CARLISLE CARROLLTOWN 2 SSE CARTEP CAMP 2 W CFDAP PUM CHADDS FORD CHAMBER SBURG 1 FSE CHARLERO! CHARLERO! CLAPENCE CLAPION 3 SW	1255 1262 1301 1342 1354 1372 1377 1400	CUMBERLAND CAMBRIA POTTER LYCOMING DELAWAPE FRANKLIN WASHINGTON WESTMORELAND CENTRE CLARION	16 16 16 5 12 10 10	40 13 40 35 41 37 41 31 39 52 39 56 40 08 40 09 41 03 41 12	7T 12 76 42 17 45 11 27 75 31 17 36 79 55 79 54 71 56 79 26	465 2040 2030 800 1T0 640 1040 749 1410 1114	6P 9R 8P	6P 8A TA TA 9P 7A 7A	c	CARROLL G. MILLER ROBERT F. MALMER RICHARD L. MILNEN KATHRYN T. KNEIGHBAUM E. EARL TOUCHTON CHANLES A. BINDER WEST PENN POWER CO. CORPS OF ENGINEERS MISS VELOA SWANCER PA. ELECTRIC CO.	MEYERSDALF MILANVILLF MILLFPSRING 2 E MILLFPSRING 2 E MILLVILLE 2 SW MILROY MONTGOMERTY LOCK AND DAI MONTPOSE MOPGANTOWN	5731 5738 5175 5790 5817 5825 4 5902 5915	SUSDILEMANNA	15 5 15 15 15 6 11	39 49 41 56 41 40 40 32 40 53 41 06 40 43 40 39 41 50 40 09	79 01 T6 31 75 04 76 56 77 29 76 34 77 35 80 23 75 52 T5 54	2100 710 760 560 1019 860 770 692 1560 595	7A 5P	7A 8A 7A 7A 6A 7A 7A MIO	c c	PA. TURMPIKE COMM.
CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELD CLEPMONT 4 MM COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 MW CONNEAUTVILLE CONNEAUTVILLE CONNEAUTVILLE 6 E	1512 1519 1529 1534 1589 1705 1710 1720	LEHIGH WASHIMGTON CLEARFIELD MC KEAN MC KEAN MC KEAN CHESTER SOMERSET FAYETTE CRAWFORD CRAWFORD	11 16 1 1 5 17 17	40 37 40 07 41 01 41 41 41 44 39 50 39 48 39 50 41 45 41 46	75 39 80 28 78 26 78 30 76 32 75 50 19 22 19 22 80 22 80 15	6T0 1000 1100 2104 1620 342 1490 1331 1000	5 P 8 A 8 A	8 A T A 7 A 8 A 8 A 7 A 9 A 8 A	C 8 A C	HILLIAM J. OUTTERER MFGPS. L. + H. CO. INA TAYLOK MRS. TILLIE M. SIMUNOS MRS. TILLIE M. SIMUNOS MRS. TILLIE M. SIMUNOS MRS. TILLIE M. SIMUNOS JUHA L. R. CO. CORPS OF EMGINELRS JUHA L. R. FLO S. CARLYLE SHELOOM MRS. PALLA J. TAUTIN	MT GPETNA 2 SE MOUNT UMION 1 N MUNLENBURG 1 SE MURRYSVILLE MYPSTOWM MATPONA LOCK 4 NEFFS MILLS 3 NE NESHAMINY FALLS NFW CASTLE 1 N NFWFLL	6067 6090 6111 6126 6151 6174 6194	LANCASTER MIFFLIN LUZERNE WESTMORELANO LEBANON ALLEGMEMY HUMTINGOON BUCKS LAWRENCE FAYETTE	6 15 10 14 1 6 5	40 14 40 24 41 13 40 26 40 22 40 37 40 40 40 09 41 01 40 05	76 26 77 53 76 08 79 42 76 18 79 43 77 55 74 5T 80 22 79 54	820 1110 900 480 800 900 60 825		8A 7A HID 7A	c c	PA. TURNPIEE COMM- MT. UNIUM WATER WURS INACTIVE 2/60 0AVIO C. SMAM MRS-EATHLEEN WANGEL CORPS OF EMGINIERS PA. STATE UNIVERSITY PHILAS SUS. WATER- CO. LEWIS W. MAMILTUN GENERAL CHEMICAL CO.
CONNELLSVILLE CONNELLSVILLE 2 F CONSHOROCKEN COOKSHURG COPROPOLIS NEVILLE IS CORRY COUNTPSEORT 3 NF COUNTPSEORT 6 E COVINGTON 2 MSN CREEKSIDE	1729 1737 1749 1773 1790 1806 1809	FAYETTE FAYETTE MONTGOMERY CLARION ALLEGMENY ERIE POTTER ROTTER TIOGA INDIANA	17 5 1 11 1 1 16 15	40 01 40 01 40 04 41 20 40 30 41 55 41 49 41 46 41 44 40 41	79 36 79 33 15 19 79 13 80 05 79 39 78 03 71 53 77 01 79 12	870 1300 70 1180 120 1440 2020 2425 1745 1035	6P 7R	8A 8A 8A 6P 8A 6A 7A	c	MARSHALL 8. MENEFEL HARRY (* JOY PHILA* ELLCTHIC CU. RA* GERT** FRST** * BIRS** PCH** CORE * CHEM** CU** RICHARO 1** MOUNTAIN** MISS ELIZABETM NEFF* MRS** HENRIETIA O DEITEK CALVIM K** PACKARO CORPS OF ENGIMEERS	MEW PARK MFWPRRT MEW STANTOM NEW TRIPOLI NORPISTOMN MORTH EAST 2 OFMELE 2 NW PALW PALW PALW RAPEEP	6297 6310 6326 6370 6396 6622 6681 6689	YORK PERRY WESYMORELAND LEHIGH MOMTGOMERY EPIE BRADFORD MONTGOMERY CARBOM APMSTPONG	6 10 14 14 8 15 14	39 44 40 29 40 13 40 41 40 07 42 12 41 55 40 26 40 48 41 05	76 30 77 08 79 36 75 45 75 21 79 49 76 18 75 32 15 37 79 41	980 570 75 1060 1340 385 435	7A H40 H10	6P 8A 9A 8A	8A C	CLINTON J. ALLEM MMS. FRANCES K. FRY PA. TURNPIKE CUMM- FREG C. OSWALO BOROUGH OF NORRISTOWM ELLSWORTH WEAVER ELHER 1. MODBE ELHER 1. MODBE NEW JEPSEY ZINC CG. LOUIS A. MALARKEY
CRESSOM 2 SE CUSTER CITY 2 M DANVILLE DEVAILET 1 M OINGMANS FERRY OIXON DOMFGAL DOMGRA OOYLESTOWN DELETINGD	1978 2013 2116 2160 2171 2183 2190	CAMBRIA MC KEAN MONTOUR CHESTEP RIKE WYOM ING WESTMORELAND MASH INGTOM BUCKS CAMERON	1 15 14 5 15 17 10	40 27 41 55 40 58 40 05 41 13 41 32 40 07 40 10 40 18 41 20	78 34 78 41 76 3T 75 33 74 52 75 57 79 23 79 52 75 08 78 08	430 750 1746	ніо	7A M10	c c	FRED A. PLEMPEL IMACTIVE 12/59 IMAS. MARIE H. LITILE PA. TURNPIEC COMM. THOMAS A. MUTALEN MAROLO J. KUNCHEL PA. TURNPIEC COMM. THEOGORE F. MATHUES GEORGE HART SIONEY KENNEOY	PARTER 1 E PARTER 1 E	6762 6889 6899 6916 6927 6939	CLARIOM PIKE RHILAGELPHIA RHILAGELPHIA PHILAGELRHIA CENTRE CHESTER LUZERNE LUZERNE ALLEGHENY	5 14 5 6 14 15	41 06 41 24 39 57 39 53 39 55 40 54 40 07 41 18 40 30 40 21	T9 40 T5 14 T5 15 T5 15 T5 12 T8 05 T5 30 T6 08 80 13 80 00	1918 1918 105 1320 1151 145	MIO MID MIO MIO SMIO SR MIO MIO MIO	MIO MIO MIO 7A MIO	C	MISS L. WETTERLEIN FRANCIS S. GANISS JR. HJ U.S. MEATHER BUREAU ATLANTIC REFINING CU. H FEO. AVIATION AGENCY PHILA. SUD. MATER COMM- HARRY SHELDON HJ U.S. MEATHER BUREAU U.S. WEATHER BUREAU
DU BOIS FAA AIRPORT DU BOIS 7 E DUNLO DUSHORE 2 SSW FAGLER MERE EAST BRADY ERFNSBURG EDINRORD EMPORIUM 1 N FMGLISH CENTER	2265 2298 2325 2343 2363 2466 2514 2635	JEFFERSON CLEAFFIELD CAMBRIA SULLIVAN SULLIVAN CLARION CAMBRIA ERIE CAMERON LYCOMING	16 16 16 1 4 1	41 11 41 06 40 1T 41 29 41 24 40 59 40 29 41 52 41 32 41 26	T8 54 T8 38 78 43 76 25 76 35 79 37 78 43 80 08 78 14 77 17	1814 1670 2410 1910 2020 820 2090 1220 1560 880	TA 5P 7P	MID 5R 8A 7A 5R TA 8A 8A 7A	0	FED AVIATION AGEMCY CITY OF DU BOIS MRS. 0. L. WHITE ROBERT J. OBERT FRANCIS B. HANLEY A. B. KEMPEL ROBERT A. WASSER EDINBORD ST. TCMR. COL. MRS. TALLIE M. BRITTUN WILLIAM SOUERS	PLEASANT MOUNT 1 W RORT CLINTON POTTSVILLE RUNYSVITAMNEY RUNTEVTULLE 2 SF DAM OUAKERTOWN 1 E RAMMOND READING WB CITY PEMOVO PFMOVO 5 S	7116 7161 7211 7225 7236 7316 7405	WAYNE SCHUYLKILL SCHUYLKILL JEFFERSON ARMSTRONG BUCKS BUCKS ROTTER BERKS CLINTON	14 14 1 5 13 14 16	41 44 40 35 40 42 40 57 40 55 40 26 41 52 40 20 41 20 41 14	75 27 76 02 76 11 79 00 79 17 75 20 77 52 75 58 77 45 77 46	1800 450 690 1300 1270 490 2220 260 660 2035	7A 0 8A 0 5R 0 7A	8A TA 7A MIO		M WILLIAM PULIVEA MRS- ADA E- RARICA LLOYD E- WELLER CARL E- ROTOLO CORPS OF EMBLIKERS OENHIS K- FLUCK MRS- RACHEL LANGAN MRS- RACHEL LANGAN MRS- RACHEL LANGAN C-S- WELLER E- G- BAISCHELET G- F- BILLETTE
EPHRATA EOUJNUNK 2 ERIF CO FIELD RSCH LAB ERIE WB AIRPORT EVPRETT 1 SW FARRELL SHARON FORD CITY 4 S DAM FRANKLIN FRELAND GALETON	2671 2673 2682 2721 2814 2942 3028 3056	LANCASTER WAYNE ERIE ERIE BEDFORG MEPCER APMSTRONG VENANGO LUZERNE POTTER	5 8 6 2 1 15	40 11 41 51 42 13 42 05 40 00 41 14 40 43 41 23 41 01 41 44	76 10 75 13 19 51 80 12 78 23 80 30 79 30 79 49 75 54 77 38	465 910 740 732 1020 855 950 987 1900 1365	H10 8A 7P 8A 6P	8 A 7 R	8A C I	STANLEY L. VON REJOA MRS. HENKIETTA MUNKY FIELD RESLARCH LAD. JUS. WEATHER BUREAU I PA. TURNPIKE COMP. SHARON STEEL CORP. I CORPS OF ENGINEERS RICHARO A. BEITH ANDREW B. EVANSHA I STANLEY G. UUSH	BILES LANDING L 6 RIDGWAY ROCHESTER 1 N RUSHVILLE RUSSFLL CAFE HARPOR SAGAMORF 1 S SALINA 3 W SATON	7443 7471 7540 7721 7732 7733 7733	MC KEAN GREEME FELK DBEAVER SUSQUEHANNA WARREN LANCASTER DIMOIANA WESTMORELANG BEOFORO	10 1 2 15 1 15 1 15	41 54 39 57 41 25 40 43 41 47 41 56 39 55 40 46 40 31 40 12	78 32 80 00 78 45 80 18 76 07 79 08 76 23 79 14 79 33 78 15	2250 777 1360 900 870 270 1320 1100 780	8A 0 8A 0 0	7A 8 A	0	EOMARO R. CLARE CORPS OF EMGINEERS BOROUGH OF RIGGWAY OLOUESKE LIGHT CO- CAPL KORATZ MIKE L. FERRIE SH. WATER POWER CURP- CUPPS OF EMGINEERS MUN. AUTH. WSTARLO. CU- MRS. AUTH. WSTARLO. CU- MRS. AUTH. WSTARLO. CU-
GFIGERTOWN GFORDER SCHOOL WFOTTYSRUPG GETTYSRUPG GIFFORD GLENCOE GLEN MAZEL 2 NE DAM GLENMOORE GLEN POCK GLEN POCK GLEN DAM DAM GLENMOORE	3200 3216 3223 3237 3296 3311 3321 3330	BERKS BUCKS ADAMS ADAMS MC KEAN SOMEPSET ELK CHESTER YORK ALLEGHENY	12 12 1 12 1 12 1 5	40 13 40 13 39 50 39 48 41 51 39 49 41 34 40 06 39 48 40 33	75 50 74 56 77 14 77 14 78 36 78 51 78 36 75 47 16 44 80 13	400 135 540 530 2220 1620 1725 440 620 705	9A	6A 6A 9A 6A 7A	c c c c	WALTER C. WULF  GEORGE M. MART  HUGH C. MC ILHENNY  MATIONAL MILITARY PARK  IMACTIVE 12/59  MRS. MARY M. MARTMAN  CORPS OF ENGINEERS  JOHN J. SHRADER  MRS. E. C. MC WILLIAMS  CORPS OF ENGINEERS	SCANDIA 2 E REMENTE LOCK 5 RECEANTON MR AIRPORT SELLERSVILLE 2 NW SHAPE GAR 2 NF SHAPE (IN SHEFFIELD 5 W SHIPPERSRUPG SINNEMAHOMING	790: 790: 790: 793: 796: 797: 802: 807:	S WARREN  ARMSTROMG  LACKAWANNA  LUZERME  BUCKS  HUMTINGOON  MORTHUMBLANG  WARREM  FRANKLIM  CAMERON	15 15 15 5 6 15 15	41 55 40 41 41 25 41 20 40 23 40 12 40 48 41 42 40 03 41 19	79 01 79 40 75 40 75 44 75 20 77 52 T6 33 79 08 77 32 T8 05	531 921 771	3 7A 5 7A 0 M10 0	VAR 7A MIO 8A 4R 7A		CORPS OF ENGINEERS U.S. POST OFFICE HJ U.S. WEATHER BUREAU SELLERSVILLE WATER CU. MRS. HELEN M. PYLE ROARING CREEK WATEP CO- WILBUR R. NORDIN H KEITH B. ALLEM MRS. FRANCES CALOWELL
GOULDSBORD GRATEFFORD GRATEFFORD 1 E GREENSBORD LOCK 7 GREENSBORD CCK 7 GREENVILLE HANDYER HARRISHURG NORTH HARRISHURG NORTH HANLEY	3435 3437 3503 3515 3526 3662 3699 3104	WAYNE MONTGOMERY MONTGOMERY GREENE WESTMORELAND MERCER YORK YORK DAUPHIN WAYNE	14 14 10 10 15	41 15 40 14 40 14 39 4T 40 18 41 24 39 48 40 13 40 18 41 29	75 27 75 27 75 26 79 55 79 31 80 23 76 59 76 51 76 54 75 10	600 335 323	6R 8A MIO	AB MIO AP	c i	OAMA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST I CORPS OF ENGINEERS PA. GEPT: HIGHWAYS C. EARL MILLLR I HANOVER EVENING SUN IJ U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES	SIZFRVILLE SLIPPERY BOCK METHRORT HIGHWAY SHET SOWERSET FAIRVIEW ST SOUTH CAMAAN I ME SOUTH MOUNTAIN SPRIMG GROVE ### STATE COLLEGE STATE COLLEGE STATE COLLEGE STATE COLLEGE STILLWATER DAM	818 819 824 827 830 837 844	5 CAMERON 4 RUTLER D MC KEAN 4 SOMERSET 5 WAYNE 8 FRANKLIN 9 YORK 9 CENTRE 2 CENTRE 1 SUSOUEHANNA	1 17 5 12 15 16	41 36 41 04 41 48 40 01 41 31 39 51 39 52 40 48 40 48	78 11 80 03 78 27 79 05 75 24 77 30 76 52 77 52 77 52 75 29	47 117 118	5 7P 0 0 0 0 0 5 7A	7A 7A 7A TA BA TA		HOWARD G. PECK EUGENE M. COOK PA. DEPT. OF HEALTH R. H. GLATFELTER CO. PA. STATE UNIVERSITY CORPS OF EMGINEERS
HAWLEY 1 S DAM HOLLIDAYSRURG HOLLISTERVILLE # HOLTHOOD HOME HONESDALE 4 NW HONESDALE 6 NW HONESDALE 6 NW HONES RROOK 1 W HOP BOTTOM 2 SE HUNTINGOOD	3761 4001 4008 4019 4027 4043 4044 4047	WAYNE BLAIR WAYNE LANCASTER INDIANA WAYNE WAYNE CHESTER SUSOUCHANNA HUNTINGOON	5 6 5 15 1 5 5 5	4) 26 40 26 41 73 39 50 40 45 41 37 41 39 40 06 41 43 40 29	75 11 76 24 75 26 76 20 19 06 75 19 75 17 75 56 75 43 76 01	1200 960 1360	MłO	8 A	0000	PA. ROWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO. I RA. POWER + LIGHT CO. MRS. EONA M. 805H GEORGE C. WILLIAMS FRIEND E. WALTER S. M. KURTZ JOSEPH J. SAMAUSKAS JAMES R. GIEMGER	STOYSTOWN STRAUSSTOWN STRONGSTOWN STROUDSBURG STHIMP CREFK SUNBLUPY SUSGUETHANNA TAMAGUA TAMAGUA 4 M GAM TIGNESTA 2 SF GAM	857 858 859 861 866 869 875 876	O SOMERSET O BERKS F IMDIANA O MONROE O JEFFERSON O NORTHUMBLANNA S SCHUYLKILL S SCHUYLKILL FOREST	14 5 1 0 15 15 14	40 06 40 29 40 33 40 59 41 01 40 52 41 57 40 48 40 51 41 29	78 57 76 11 78 55 75 12 78 50 76 47 75 36 75 58 75 59 79 26	60 188 46 132 46 102 53 112	0 11P 0 7A 0 7A 0 8A	8A 11P 7A 7A 7A 8A 7A	9	WILLIAM HAGERTY CORPS OF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WTW. CO- H CORPS OF ENGINEERS
HUNTSDALE HYNDMAN I NDIAMA 3 SE JACKSON SUMMIT JAMESTOWN 2 NW JFRSEY SHORE # JOHNSTOWN JOHNSTOWN JOHNSTOWN EARTHAUS	4190 4214 4304 4363 4363 4363 4364	CUMBERLAND BEOFORD INDIANA TIOGA CRAWFORD LYCOMING CAMBRIA CAMBRIA MC KEAN CLEARFIELO	12 4 15 2 16 4	40 06 39 49 40 36 41 5T 41 30 41 12 40 20 40 19 41 41 41 07	77 18 78 44 79 07 77 01 80 28 77 15 76 55 76 55 78 48 78 07	610 960 1102 1690 1050 541 1214 1275 1750 950	TP 6A 9A 6A	8A: 7A 9A	6A C	ARCHIE LAIN PA. OEPT- FRST. + WTRS. GEORGE R. WAODELL JOHNSTOWN TRIBUME CITY OF JOHNSTOWN	TITUSVILLE TITUSVILLE WATER WORK: TOBYNAMA TORPEOO & W TOWANDA 1 ESE TOWER CITY 2 E TROY TUNNELTON	888 889 890 890 891 895	5 CRAWFORD 8 CRAWFORD 3 MONROE 1 WARREN 5 BRADFORD 2 SCHUYLKILL 9 BRADFORD 9 INGLANA	1 1 15 15	41 38 41 36 41 11 41 47 41 45 40 35 41 47 40 27	T9 40 79 42 75 25 79 32 76 25 76 31 76 47 79 23	122 195 113 14 83 110	0 5R 5 7R 5 8A	5P 7A		CITY OF TITUSVILLE MRS. JULIA GRADE MRS. LILY 8. GARBER H LEVERN ROOT H MRS. LILIAN S BOWHAN JENNIE L. BALLARO

#### STATION INDEX

CONTINU																						COAL TABLES
STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	T	LAVE SAME	D	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION		SERV TAB	ANI		OBSERVER
THREFPOINT & NE TYRONE & NE RALD EGGE UNION CITY FLT PLANT UNIONCITY FLT PLANT UNIONCITY FLT WINGI NVILLE WASHINGTON WASHINGTON WASHINGTON WASHINGT F	9024 9042 9050 9128 9128 9312 9344	MC LEAN BLAIR ERIL FAYETTE MESTHORELAND RERKS WARREN WASHINGTON NORTHUMBLAND GREENE	10 7 14 11 11 16 1	0 43	78 16 78 12 79 48 79 44 79 34 75 42 79 08 80 10 76 52 80 10	1640 1020 1400 1040 800 350 1280 1200 490 940	79	7A 6P 7A 8A 7A		ROBERT D. STRAIT FREDERICA. L. FHIDAY HAROLD M. HAMHOND WM. W. MARSTELLEN UNITED ENG. 9 FNORY.CO MYS.— MARY M. BRICHT GILBERT M. REILER PA. DEPT. HIUMWAYS WILLIAM BIND BOROUGH OF MATNESDUNG	WIND GAP WOLFSUNG YORK & SKW PUMP STA YORK & SKW PUMP STA YOP HANT YOUNGSVILLE ZION GROVE ZIONSVILLE 3 SE	9823 9933 9938 9950 9966 9990	NORTHAMPTON BEDFORD YORK YORK YORK SCHUYLKILL LEHIGH	6 15 15 15 1	40 51 40 03 39 55 39 56 40 07 41 51 40 54 40 28	75 18 78 32 76 45 76 46 76 43 79 19 76 13 75 27	765 1190 390 640 310 1225 940 680	5P	7 A 5 P 8 A 7 A 8 A			MMS* MAKT D* MULLEL MALTER C. MICL TORK MATER COMPANY VOR WATER COMPANY METROPOLITAN EDISON C MENHY CARLEIT JAMES D. TEETER LESLIE MOWATT
WELLSRORD 9 S WEST CHESTER WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESHURG WILLIAMSPIRE WIL	9484 9980 9503 9507 9655 9702 9714	TIOGA CHESTER FULTON CHESTER FOREST ARMSTRONG LAZERNE BLAIR LYCOMING	12 15 15 15 15 15 15 15 15 15 15 15 15 15	99 56 59 49 39 48 41 34 40 45 41 15 40 28 41 15	77 16 75 36 78 05 75 48 79 25 79 24 75 52 78 12 76 55	1920 440 920 450 1090 1550 610 660 527	BA	8 A 8 A 7 A 7 A 7 A	C HJ	MARION L. SHUMMAY  OAILY LUCAL NEWS  MNS. DORA I. LYNCH  CUNARD-PILE CU.  MRS. HELEN F. KINNEAN  CORPS OF ENGINEERS  MRS. MARY G. MIRMAK  HYRON A. BIDOLE  U.S. WEATHER BUREAU	NEW STATION NORTH PHILADELPHIA AP		PHILAGELPHIA		40 05	75 01	100				c	

1-ALLEGHENY, 2-BEAVER, 3- 4-CONEMAUGH, 5-DELAWARE, G-JUNIATA 7-KISKIMINETAS, 8-LAKE ERIE, Y-LEHIGH, 10-MONOMGAMELA, 11-OHIO 12-POTOMAG, 13-LAKE ONTARIO, 14-5-MU-LETI, 13-5USQUEMANNA, 10-MSST BRANCH, 17-YOUGH IQHENY,

Additional information regarding the climate of Penneylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Penneylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal enowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July issu

Stations appearing in the index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches and wind movement in miles. Wenthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Meather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Win in "Evaporation and Wind" Table and Wind Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Natur equivalent values published in the "Snowfall and Snow on Ground" Table are the water quivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record,

Entries of anowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table": "Daily Precipitation" Table: "Daily Temperature" Table; and "Evaporation and Mind" Table: and snowfall in the "Snowfall and Snow on Ground" Table, also published, are for the 24 hours ending at time of observation. The Station ladox shows observation times in local standard time. During the summer months some observers take the observations on daylight assing time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Bourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature Table.

H "Showfall and Show on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

#### OTHER REFERENCE NOTES

- OTHER REFERENCE COTES

  No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

  Interpolated values for southly precipitation totals may be found in the annual issue of this publication.

  Station Index.
  And also on an earlier date or dates.

  Fastest observed one minute wind speed. This station is not equipped aith automatic wind instruments.

  Anount included in following measurement, time distribution unknown.

  Anount included in following measurement, time distribution unknown on the roof of a building.

  Gage is equipped with a windehield.

  This entry in time of observation column in Station Index means after rain.

  Adjusted to a full anoth.

  Adjusted to a full anoth.

  One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full anoth.

  Assounts from recording gage. (These amounts are essentially accurate but may vary elightly from the amounts to be published later in Hourly Precipitation Data.)

  This entry in time of observation column in Station loadx means available.

  This entry in time of observation column in Station loadx means observation made near summet.

  Includes total for previous month.

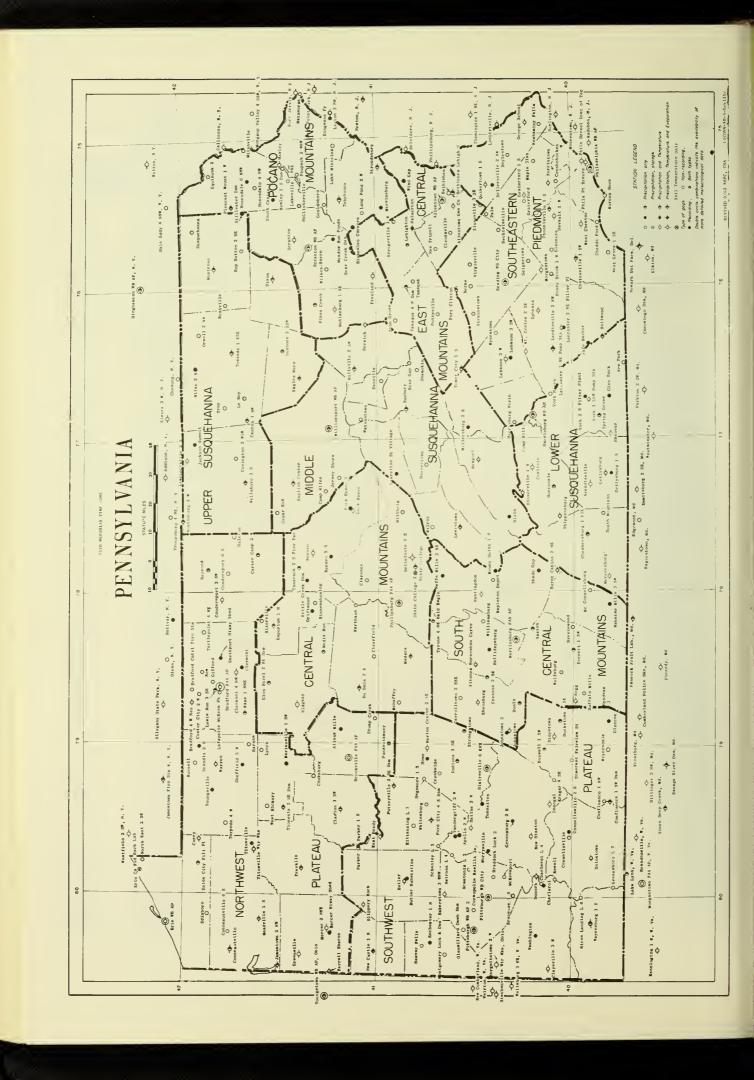
  Decoration for the Station with the description in the publications MOVERLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORN DATA, all of which

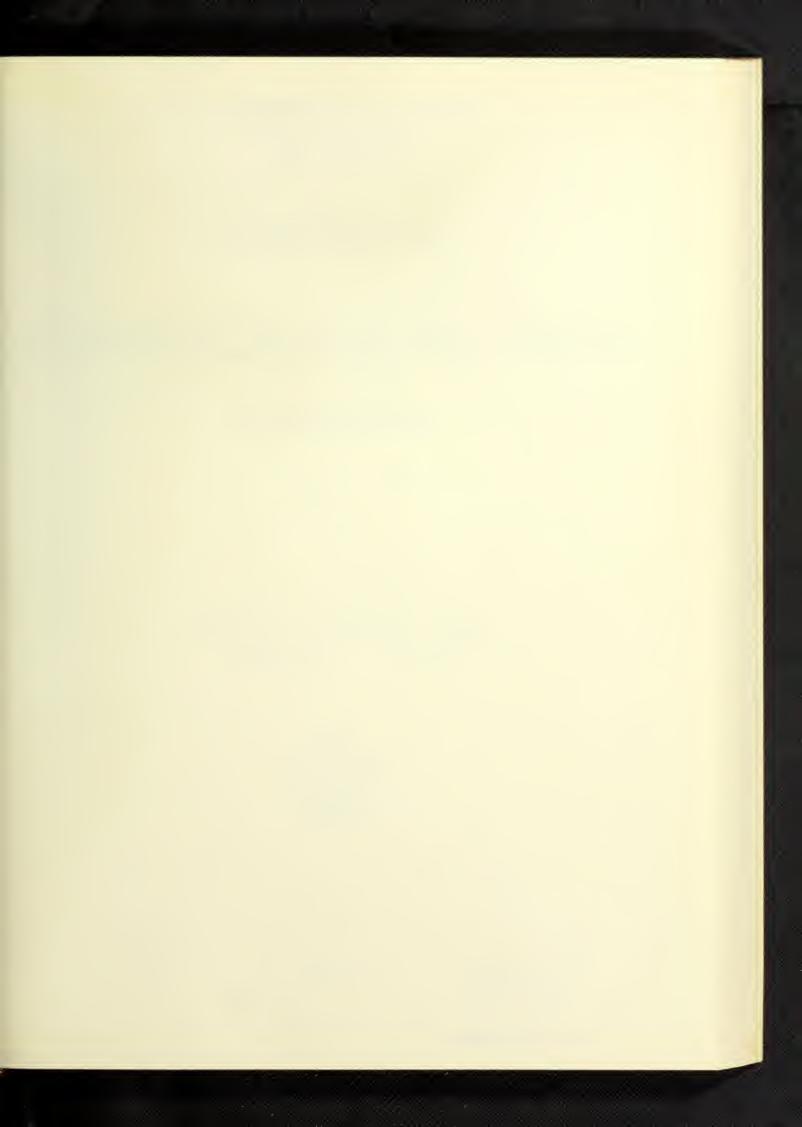
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the bistory of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Bushington 25, D. C. for 65 cents. Similar information for regular Weather Eureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, Order of the latest annual issue of Local Climatological Data for the respective stations, Order of the latest annual issue of Local Climatological Data for the respective stations, Order of the latest annual issue of Local Climatological Data for the respective stations, Order of the Local Data (Local Climatological Data for the respective stations, Order of the Local Data (Local Climatological Data for the respective stations, Order of the Local Data (Local Climatological Data for the respective stations) and the Local Data (Local Climatological Data for the respective stations) and the Local Data (Local Climatological Data for the respective stations) and the Local Data (Local Climatological Data for the respective stations) and the Local Data (Local Climatological Data for the respective stations) and the Local Data (Local Climatological Data for the respective stations) and the Local Data (Local Climatological Data for the Respective Stations) and the Local Data (Local Climatological Data for the Respective Stations) and the Local Data (Local Climatological Data for the Respective Stations) and the Local Data (Local Da

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

ANNUAL SUMMARY 1962 Volume 67 No. 13



ASHEVILLE: 1963

OCT 16 1963
UNIVERSITY OF ILLIANS

#### AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1		A	VE.	RAC	E'	ľEM	PE	RA:	LOK	RES	AN	ו עו	EP	AR.	LOF	(ES	FR	OM	NO	KM	AL				PENNS	YLVANIA 1962
	Jan	uary	Feb	ruary	Ma	rch	A	pril	Ma	ay	Ju	ne	Ju	ly	Aug	rust	Septer	mber	Octo	ber	Nove	mber	Decer	nber	Ann	sual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALLENTOWN WB AP ALLENTOWN GAS CO ALTOONA MORSESMOE CURVE ARENOTSVILLE AUSTINBURG 2 W	26.4 27.3 25.5 28.0 23.0	- 2.6 - 2.8 - 3.0 - 2.7	27.0 27.0 27.7 27.2 21.9	- 2.2 - 3.5 - 1.4 - 4.1	39.0 38.4 35.2 37.8 32.0	1.4 0.2 - 1.2 - 1.2	50.3 51.0 48.5 51.3 44.0	1.0 1.0 - 0.1 0.5	63.2	1.6	70.4 70.4 67.0 70.6 63.4M	1.0 0.7 - 0.3 0.4	71.5 72.2 68.7 71.7 65.2	- 2.6 - 2.3 - 2.2 - 2.9	70.5 70.5 68.7 72.4 64.7	- 1.5 - 1.7 - 0.7 - 0.4	60.4 60.2 58.1 61.6 55.2	- 4.3 - 4.6 - 4.7 - 3.9		- 0.3 - 0.8 0.4 0.2	39.7 39.8 38.6 40.4 34.9	- 2.2 - 3.3 - 2.0 - 2.1				- 1.3 - 1.7 - 1.4 - 1.4
BAKERSTOWN 3 WNW BEAR CREEK OAM BFLLEFONTE 4 5 BERWICK BETMLEMEM LEHIGM UNIV	27.0 26.0 26.9 29.1	- 2.0	31.5 26.3 28.3 27.6	- 4.5	37.6 36.5 37.6 37.0	~ 2.8	49.3 50.5 51.2	- 0.3	63.0 64.8 63.4	1.2	69.2 - 66.2 70.6 71.8	0.7	70.4 65.5 67.6 71.7 72.9	- 2.6	71.4 64.6 67.3 71.1 71.8	- 1.7	60.5 54.4 57.8 60.0 63.1	- 3.7	54.1 48.1 51.5 53.6 54.7M	- 1.5	41.1 34.6 37.5 37.1 38.8	- 5.7	26.4 21.7 24.9 23.3 26.3	- 7.2	50.5 47.8 49.6 50.7	- 2.5
BLAIRSVILLE 6 ENE BLOSERVILLE 1 N BRAOFORO FAA AIRPORT BRAOFORO 4 W RES BROOKVILLE FAA AIRPORT	24.4 28.2 19.3 19.9 22.5		28.2 27.1 21.8 23.1 26.5		34.8 38.3 30.2 29.7 33.1		47.9 51.2 43.1 42.5 44.7		63.6 57.9 57.9 60.9		67.4 69.3 62.1 61.9 64.9		67.9 71.1 63.2 63.6 66.7		68.5 71.5 63.1 63.4		57.9 60.9 53.0 54.3		52.0 55.0 48.0 48.8		38.5 40.8 34.7 33.9		24.2 28.9 20.5 20.8		47.9 50.5 43.1 43.3	
BURGETTSTOWN 2 W BURNT CABINS 2 NE BUTLER CANTON 1 NW CARLISLE	24.6 29.2 24.5 22.2 29.0	- 5.8	27.8 30.4M 28.3M 20.8 30.0	- 2.2	34.0 38.2 35.9M 31.9 39.9	- 2.0	45.0	0.7	63.0 64.7M 63.7M 58.3 66.1	3.8	66.9 68.9M 68.3M 63.7 71.7	0.2	67.6 71.0N 68.4N 65.8 73.4		67.3 70.8 68.3M 64.5 73.0	- 2.3	57.4 61.3M 57.5M 54.9 61.9	- 6.6 - 4.6	50.8 55.7M 51.5M 48.6 55.1	- 1.8 - 0.3	38.7 39.2M 39.5M 34.3 40.8		24.1 27.9M 24.5M 23.0 27.3	- 7·1 - 5·7	47.3 50.7 48.0 44.4 51.8	- 2.9 - 1.6
CMAMBERSBURG 1 ESE CLARION 3 5W CLAYSVILLE 3 W CLERMONT 4 NW COATESVILLE 1 SW	28.1 17.9 26.3 20.9 28.7	- 3.5 - 4.8 - 2.7	28.3 22.2 31.5 23.6M 28.4	- 4.3 - 0.1 - 3.2	37.9 28.1 37.2 28.8 39.1	- 2.2 - 1.6 - 0.1	51.0 39.8 47.5 43.1 51.9	- 0.4 - 2.4	64.0 57.1 64.5 58.2 63.3	1.9 4.4 2.0	69.6 61.1 68.5 63.2 70.5	- 1.2 - 0.2 0.1	70.4 64.3 69.2 64.1 71.9	- 4.5 - 2.7 - 3.0	71.0 66.3 69.8 63.9 71.2	- 2.0 - 0.6 - 1.6	52.8	- 5.2 - 4.2 - 3.9	52.0 53.5 48.7	0.4	39.6 38.3 39.7 35.4 40.5	- 3.4 - 1.7 - 2.8	26.9 23.3 25.6 20.2M 29.1	- 6.1 - 6.4 - 3.8	50.1 44.0 49.4 43.6 50.9	- 2.7 - 1.7 - 1.5
CONFLUENCE 1 SW OAM CONNEAUTVILLE CORRY COUDERSPORT 3 NW DEVAULT 1 W	26.3 22.1 21.7 18.8 27.5	- 4.3	28.5 24.0 24.8 21.8 27.5	- 1.0	35.2 32.2 32.8 28.6M 38.3	- 0.5	45.9 44.7 45.0 41.6 51.0	- 0.9	62.8 61.8 60.9 56.0 62.6	4.1	66.7 66.0 65.7 61.3 70.3	- 0.4	67.0 67.7 65.9 61.7 71.0	- 4.0	68.1 67.3 66.3 61.8 69.9	- 0.1	58.8 58.5 57.3 51.7 60.1	- 4.4	52.1 52.3 51.6 47.3 53.7	0.7	38.5 38.9 37.6 32.5 39.8	- 1.3	25.2 24.5 23.2 19.5 27.3	- 5.3	47.9 46.7 46.1 41.9 49.9	- 1.4
OIXON OONEGAL OONORA DU BOIS FAA AIRPORT OU BOIS 7 E	24.1 25.9 27.8 - 22.7	- 6.1	22.9 29.4 34.3 - 26.9	- 0.6	33.9 34.9 41.1 - 32.3	- 0.7	46.1 45.6M 51.9 - 44.7	- 1.4	60.0 62.0 67.9 - 61.2	4.5	66.5 66.1 71.9 - 65.0	- 0.4	67.3 66.1 72.1	- 3.6	67.0 67.1 73.3 67.3 66.7	- 0.9	56.8 56.8 62.9 56.2 56.2	- 5.0	50.4 51.7 56.4 50.4 50.3	- 0.6	35.4 39.6 43.5 37.3 36.5	- 1.7	23.1 23.9 28.8 22.0 21.7	- 7.0	46.1 47.4 52.7 - 45.9	- 2.0
EAGLES MERE EAST BRAOY EBENSBURG EMPORIUM 1 N ENGLISH CENTER	20.6 26.2 23.6 20.2 23.7	- 3.3	19.8M 30.9 26.5 21.0 23.8M	- 0.7	30.3 37.8 32.5 30.3 32.1M	- 1.7	45.1 49.0 44.8 42.8 44.5	- 1.3	57.7 66.3 60.3 57.9 58.4M	3.5	64.0M 69.8 64.6 61.9 63.8M	- 0.5	65.4 70.9 66.1 63.4 65.8	- 2.7	64.3 71.2 67.4 63.0 64.9M	0 - 1	54.4 60.8 56.4 53.5 55.0M	- 4.7	48.4 54.4 50.7 47.6 49.8M	- 0+1	35.18 40.0 37.0 34.0 36.48	- 1.6	22.4 25.2 22.8 20.4 23.1	- 5.8	43.9 50.2 46.0 43.0 45.1	- 1.6
EPMRATA ERIE WB AIRPORT EVERETT 1 SW EARRELL 5MARON FORD CITY 4 S OAM	28.7 23.9 27.1 27.9 25.0	- 3.4 - 3.4 - 2.1	28.7 24.5 27.4 30.7 28.3	- 4.2 - 1.9	39.7 33.3 37.1 38.1 35.5	- 1.0 - 0.3 - 0.4	52.3 46.5 49.4 51.0 46.3	1.0	63.7 62.6 65.2 67.9 63.2	0.9 6.2 6.2	66.8	- 1.0 0.1 0.9	71.9 69.5 69.7 73.2 68.1	- 3.9 - 1.6	71.6 69.0 70.3 72.7 68.4	- 2.1 - 0.8 - 0.2	60.6	- 5.5 - 2.7 - 3.1	54.1 53.5		41.5 40.4 37.9 42.5 39.1		29.5 26.9 25.8 28.3 25.2	- 4.3 - 3.6 - 3.9	51.2 48.2 49.4 52.0 48.2	- 2.3 - 0.5 - 0.1
FRANKLIN FREELANO GEORGE SCHOOL GETTYSBURG GRATERFORO 1 E	25.2 23.6 28.6 30.0 27.4	- 2.7 - 1.8 - 3.2 - 2.7	25.4 27.9		35.2 34.5 38.5 39.1 37.3	0.4 1.1 - 1.3 - 2.1	50.8	- 0.2	63.4 60.1 61.1 65.4 60.8	5.4 2.4 - 0.4 2.4	67.3M 70.1	1.1 3.4 0.0 - 0.6	67.47 69.0 69.2 71.9 70.1	1 - 3.4 - 1.3 - 5.6 - 3.8	69.0M 67.6 70.3 72.3 69.4	- 0 · 2 - 0 · 8 - 2 · 6 - 1 · 5	57.6×	- 4.5   - 4.0   - 5.1   - 4.7	51.8 53.8		36.8	- 4.3	24.4 22.7 28.9 29.3 28.0	- 5 · 6 - 5 · 0 - 4 · 6 - 4 · 9	50.0	- 0.6 - 0.5 - 2.8 - 2.2
GREENVILLE MANOVER HARRISBURG WB AP MANLEY HOLTWOOO	24.8 30.3 28.0 23.5 30.5	- 3.6 - 2.5 - 3.8	22.8	- 0.1 - 4.2 - 4.4 - 2.8	36.4 38.9 39.3 34.2 39.9	0.0 - 1.9 - 1.0	53.5	1.2	65.2 65.3 64.9 57.9 65.1	6.2 2.3 2.2	72.0 72.1 65.4	2.0 0.5 0.8	71.5 72.4 74.9 65.4 73.8	- 0.6 - 3.4 - 0.8	72.8	0 · 8 - 1 · 0 - 0 · 6 - 2 · 0	62.8 62.8 56.2	- 2.2 - 4.1 - 3.6	56.5 55.7 50.8M	1.4	40.7 41.1 34.8	- 0.2 - 4.1 - 2.8	29.7 28.2 23.9	- 5 · 6 - 4 · 6 - 5 · 3	52.0 51.7 45.7	- 0.2 - 1.8 - 1.6
MUNTINGDON INDIANA 3 SE JAMESTOWN 2 NW JOHNSTOWN KANE 1 NNE	27.2 25.9 21.6 27.1 19.5	- 2.8	26.9 30.4 24.0 28.3 21.1	- 3.1	36.1 36.1 32.5 35.7 29.7M	- 1.7	49.2M 46.4 44.5 48.9 42.0	- 1.3	65.0M 62.6 62.0 65.3 57.2	4.4	69.4 67.2 66.2 68.9 61.4	0.6	69.0 68.8 67.8 70.1 62.7	- 3.6	68.4 68.6 69.3 62.4	- 2.2	58.6 60.1	- 2.6	52.4 52.4 51.7 54.5 47.2	0.2	39.6	- 3.5	25.8 24.9 23.5 27.4 21.1	- 5.6	48.4 46.7 49.7	► 1.8
KEGG LANCASTER 2NE PUMP STA LANOISVILLE 2 NW LAWRENCEVILLE 2 5	27.4 28.1 27.2 24.5	- 3.5	28.5 28.5 26.2 25.5	- 4.0	36.1 38.8 37.7 33.3	- 1.8	48.1 51.3 50.0 46.5	- 0.3	63.2 63.6 62.3 60.9	3.3	69.5	- 0.6 - 0.8	69.5 71.0 70.9 66.8	- 3.4	69.2 70.2 70.5 67.3	- 2 • 2	58.8 60.0 60.5 56.3	- 5.4	53.5 53.3 53.7 51.4	- 0.7	39.2	- 4.1 4 - 3.1	27.0 26.2 27.4 24.0	- 6.6	49.6	- 2.7 - 1.5
LEBANON 4 WNW LEWISTOWN LOCK MAVEN MAOERA MARCUS MOOK	27.5 28.2 25.1 22.5 33.1	- 2.8 - 4.3 - 2.1	26.4 27.6 25.4 23.9 32.7	- 4.5 - 4.7 - 3.8	38.6 37.7 35.6 31.0 43.2	- 0.1 - 2.4 - 0.7	51.5 50.0 48.1 43.5 53.6	1 • 1 - 2 • 7 - 1 • 0	64.9	1.8	69.9 68.0 63.6	- 0.1 - 1.7 - 0.7	72.0 71.6 69.4 64.9 74.5	- 4.1 - 4.5	71.3 71.4 69.1 63.9 75.0	- 1.6 - 2.6 - 2.1	61.5	- 4.5 - 6.6 - 4.1	54.6 51.8 48.2	- 0.5 - 1.7 - 0.3	40.3 37.9 34.9		21.0	- 6.	50.4 48.0 44.2 54.6	- 3.3 - 2.3
MARION CENTER 2 5E MARTINSBURG FAA AP MEAOVILLE 1 S MERCER 2 NNE MERCERSBURG	23.1 27.7 22.3 23.9 29.5	- 4.5	27.6 28.7 23.8 27.6 28.2	- 2.4	33.9 36.1 32.9 33.8M 39.2	- 1+3	46.4 50.1 44.3	- 2+1	62.5 65.0M 62.1 62.2M 64.4	4.9	66.9 67.4 66.1 67.0 70.0	- 0.6	67.7 69.6 67.2 68.5 71.4	- 3.2	68.2 69.9 66.9 68.9 71.6	- 1.8	57.0 59.0 57.6 58.7 61.1	- 4.5	51.1 52.5 51.8 52.4M 54.4	0.4	38.2 38.5 38.6 38.8 40.2	- 0.	23.7 25.1 9 23.9 24.31 27.8	- 5.;	47.2 49.1 46.5 - 50.8	- 1.7
MILLVILLE 2 5W MONTGOMERY LOCK AND OAM MONTROSE MORGANTOWN MT GRETNA 2 SE	23.8 27.7 21.0 28.7 26.8		23.7 32.4 20.4 28.4 27.6		34.7 38.8 30.9 38.7 38.3		47.2 49.3 44.2 50.9 49.9		60.3 66.2 57.4 63.0M 62.7		66.5 70.0 68.5 68.4		67.9 71.4 65.7 71.1 69.8		67.88 71.6 64.7 70.7 69.6		56.7 62.28 54.6 60.6 59.2	1	49.9 55.4 47.6 53.2 53.7		36.5 42.0 33.6 40.1 39.3		22.8 26.7 22.3 28.4 27.6		46.5 51.2 - 50.2 49.4	
NEW CASTLE 1 N NEWELL NEW STANTON NORRISTOWN	26.7 29.6 26.9 27.6 31.3	- 3+3	30.7 33.6 27.6 32.0 31.8	0.7	36.8 39.4 37.8 38.0 39.0M	- 0.8	49.2 49.5 50.9 48.2 52.9	- 0.2	65.7 67.5 64.3M 65.0 65.5	5.9	69.8 71.7 70.7 69.3 72.5	0.7	70.6 73.0 71.4 69.7 73.7	- 2.0	70.8 74.0 71.6 70.8 73.4	- 0.3	61.1 63.2 60.5 59.0 63.8	- 3.6	54.5 55.6 54.0 54.1 56.9	0.8	40.2 42.1 38.7 40.4 42.1	- 1.	8 25.3 28.4 27.5 26.7 30.3	- 6.5	50.1 52.3 50.2 50.1 52.8	0.9
PALMERTON PMIL OREXEL INST OF TEC PMILADELPMIA W8 AP PMILADELPMIA PT BREEZE PMILIPSBURG FAA AP	26.7 32.7 30.0 33.9 21.3	- 2.3	27.5 31.7 30.4 33.0 23.3	- 2.1 - 2.6 - 2.6	37.8 42.1 40.5 42.8 31.7	0.4 - 0.5 - 0.1	53.6 52.0	0.0	61.9 66.1 64.1 66.0 58.6	1.5	68.9 73.4 71.7 73.5 62.5	0.5	74.5	- 2.5 - 3.6 - 3.1	74.2	- 0.8 - 1.6 - 0.9	65.0	- 4.4 - 3.6 - 4.4		0.6	38.6 44.3 42.1 45.0 34.8	- 2.	26.2 31.4 31.0 33.0 20.5	- 5.1 - 2.5 - 4.5	54.0	- 1.5 - 1.4 - 1.4
PHOENIXVILLE 1 E PITTSBURGH WB AP 2 PITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON	29.8 26.2 29.3 19.5 24.3M	- 4.0	29.3 28.3 33.1 19.0 24.9	- 4.2 - 0.9 - 0.3	36.5 39.3 30.0	- 2.3 - 0.3 - 2.3	48.4 51.5 42.7	- 0.6	65.3 67.9 54.9 59.3	4.9	71 • 21 69 • 3 72 • 4 62 • 7 67 • 3	0.9	73.0 70.1 72.9 62.2 67.0	- 2.0	70.8 73.9 63.0	- 0+1	61.9N 58.6 62.7 53.4 57.1	- 5.6	53.3 56.6 46.7		32.7		20.3	- 6.6	52.6 42.3	- 0.9 - 1.3 - 3.7
PUTNEYVILLE 2 5E OAM QUAKERTOWN 1 E REAOING WB CITY REMOVO RIDGWAY	21.5 27.5M 30.3 25.3 22.4	- 2.5 - 2.4 - 3.5	30.B 25.6	- 2.4 - 2.6	39.0 41.7 35.4 32.5	0.4	45.4 51.2 53.2 47.7 43.7		65.2		66.7 69.5 72.5 67.0 64.1	0.8	73.9 68.1	- 2 - 5	67.6 70.4 73.5 67.9 65.0	- 1 - 3	57.2 60.0 63.7 57.5 54.8	- 3.6 - 3.6	56.6	- 0.6	38.2 40.0 42.8 37.0 36.0	- 2.	23.7 27.4 29.5 23.4 22.3		50.1 52.8 47.4 45.2	i= 1.0 = 1.5 = 1.4
SALINA 3 W SCRANTON SCRANTON WB AIRPORT SMIPPENSBURG SLIPPERY ROCK	26.6 25.5 24.9 28.8 25.3	- 2.9 - 1.8	31.3 24.5 24.6 29.2 28.6	- 4.1 - 2.7	36.5 35.1 36.6 39.5 36.1	- 1.4 1.4	47.58 47.8 49.0 52.3 48.3	- 0.7	63.6 62.4 62.6 65.4 65.1		67.8 69.6 68.5 71.3 69.2	1.3		- 0.9 - 1.1	69.2 69.9 70.4 73.2 70.1		59.2 59.4 59.5 62.5 60.3	- 4.0			39.6 38.1 36.6 40.2 40.7	- 3. - 3.	25.44 7 26.3 24.0 28.0 25.9	- 4.5	49.1 48.4 48.2 51.7 49.4	- 1.6 - 0.5

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1-Continued

PENNSYLVANIA 1962

	Jan	uary	Feb	tuary	Ma	rch	A	pril	м	lay	Ъ	ine	Ju	ly	Aug	just	Septe	mber	Octo	ober	Nove	mber	Dece	mber	Aa	nual
Station	Tempereture	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Tempereture	Departure	Tempereture	Departure	Temperature	Departure	Temperature	Departure	Tempereture	Departure	Tempereture	Departure	Temperature	Departure	Tempereture	Departure
STATE COLLEGE STOYSTOWN STROUOSBURG SUMBURY TONESTA 2 SE DAM	25.7 24.4 23.6 26.5 21.2	- 3.0	25.9	- 3.1 - 4.0	32.9	- 1.3	45.3	- 0.7	61.0		68.3 64.8 67.3 69.2 64.9	0.1	69.7 65.7 68.0 70.0 67.0	- 2.4	65.7	- 0.8	56.3	- 4.4	50.5	- 0.7	36.6	- 3.5 - 5.6	23 . 6	- 5.7	46.0	- 1.8
ONENDA 1 ESE	25.3	- 2.4	26.1		36 .5M		48.7	- 0.3 - 2.0	60.7		63.1 64.5 67.0 67.0 71.4		63.7 64.9 68.6 68.1 71.6	- 2.7	68 - 2M		56.7	- 4.7 - 4.2	48.2 48.7 52.1 50.4 55.8		34.2 34.7 35.8 37.0 43.3	- 4.8 - 1.0	25.0		47.5	- 1.7 - 1.2
IARREN IAYNESBURG 2 W IAYNESBURG 1 E IELLSBORO 3 S IEST CHESTER	28.0	- 3.9 - 4.6 - 2.2	33.3		30.2	- 2.1	48.1	- 0.4 - 3.1			66.3 - 67.9 63.4 71.9	0.9	68.8		68.6		59.3 54.7		52.0 48.6	- 0.6	39.2 34.1		23.7 - 25.2 22.8		47.1	- 1.6
VILLIAMSPORT WE AP VORK 3 SSW PUMP STA DIVISIONAL AVERAGES				- 2.4 - 3.1					63.3 65.9	2.9	68.7 71.7							- 4.8 - 4.4								- 1.7 - 1.9
AST CENTRAL MOUNTAINS	23.2 26.8 29.5	- 2.7 - 2.4 - 2.9	23.5 26.8 29.2	- 1.7 - 2.7 - 2.9 - 3.8 - 4.0	34.1 37.6 39.6	0.1 0.3 - 1.0	46.4 49.7 51.7	- 0.1	59.4 62.0	2 • 1 2 • 1 1 • 1	65.4 66.5 69.8 71.0 70.9	0.9 1.3 - 0.1	70.8 72.2	- 3.1 - 2.2 - 3.5	66.8 70.0 71.8	- 1.3 - 0.9 - 1.9	56.6 60.0 62.0	- 4.3	50.0 52.8 55.4	- 0.8 - 0.5 - 0.7	35.5 38.7 41.2	- 3.9 - 3.2 - 3.5	22.8 26.4 29.2	- 5.5 - 4.8 - 5.0	46.0 49.3 51.4	- 2.2 - 1.7 - 1.4 - 2.2 - 1.8
	22.7 23.5 26.9	- 2.4 - 3.3 - 2.6	22.2 24.9 28.1	- 3.0 - 2.1 - 2.0	32.2 33.4 35.9	- 0.7 - 1.1 - 1.5	45.8 45.8	- 1.0 0.0 - 1.0 - 0.3 - 2.0	59.3 61.1 64.0	2 · 8 3 · 3 4 · 3		- 0.5 - 0.9 - 0.2	66.5	- 3.4 - 3.5 - 2.6	65.7 66.3 69.4	- 2 · 1 - 2 · 0 - 0 · 8	55.6 55.7 59.2	- 5.1 - 5.6 - 4.1	49.6 50.1 53.2		34.8 36.2 38.6	- 3.8 - 2.9 - 2.4	23.1 22.3 25.5	- 4.3 - 6.2 - 5.5	45.1 45.9 48.9	- 2.7 - 2.0 - 2.2 - 1.4 - 1.8

A narrative Special Weather Summary appeared in the January, March May, July, August and December issues of this publication for 1962

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2			101	AL	L PR.	LC.	** **	AI	1014	233															1962
	Janu	ary	Febr	цагу	Marc	:h	Apri	ı	May		June	Jul	у	Augu	ust	Septem	ber	Octobe	r	Novemb	er	Decemb	eı	Annus	1
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure		Departure	Precipitation	Departure		Departure	Precipitation	Departure
ACMETONIA LOCK 3 ALLENTOWN W8 AP R ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE	2.61- 2.90- 3.38 2.54- 2.36-	.59 .27 .14 .69	4.04 4.59 4.38 3.47 4.75	1.38 1.95 1.69 1.00 2.26	3.14- 3.24- 4.71	•22 •65 •51 •44 •31	4.11 3.97 3.72- 4.51 3.60-	.35 .21 .02 .31	1.26- 2 1.96- 2 1.85- 2	1.26 2.82 2.13 2.62 2.07	2.95- 1.25 3.5354 2.87- 1.13 3.07- 1.50 2.70- 1.24	2.58	99 - 3.21 - 2.71 - 1.96 - 1.86	3.24- 6.50 5.56 1.86- .47-	2.03 .76	6.34 4.28 4.82 6.61 5.22	3.58 .53 1.07 3.55 1.71	2.38- 3.05 2.97- 2.97- 4.20	.41 .08 .14 .24	4.13 4.11 2.88- 4.36	1.59 .80 .69 .18 1.06	2.17- 2.62- 2.95- 2.07- 2.66-	.62 .65 .30 .96	36.27 41.58 41.97 39.12 38.13	2.54 - 2.59 - 4.71
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAR GAP	2.46 3.70 4.21 3.00 3.03	•23	2.37 3.37 2.97 3.44 3.95	1.48	1.82 4.22 2.87 1.36 2.80	.93	3.74 3.03 3.85 3.62 3.46	• 09	1.52 3.39 E3.88 1.30 3.09	1.32	2.35 3.99 2.56 1.71 4.95		- 3.06	4.30 2.87 1.63 6.66 5.00	. 99	6.12 5.09 4.93 3.31 4.24	.74	3.78 1.40 3.64 5.38 4.50	. 99	1.59 1.04 1.77 3.45 4.00	•29	2.37 1.49 2.72 2.53 3.49	.27	36.14 37.92 E37.75 39.53 44.28	•53
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE & S BERNE	2.62- 2.42 2.63 2.19 2.70	• 05	2.70 3.77 4.29 3.08 3.67	•52	3.12 3.27 3.24 3.08 2.20	•02	2.44- 5.11 4.31 4.80 2.57	•77	2.73- 2.20 3.75 1.53 1.63	.99	2.06- 1.68 1.25 4.47 2.71 5.17	1.81 .94 .97 E1.59	ļ	1.60- 2.68 5.83 1.24 3.64	1.85	4.42 5.07 5.01 4.55 5.25	1.75	2.09- 5.18 3.19 2.79 3.45	•33	1.54- 2.95 4.83 1.87 3.57	.77	1.97- 2.51 2.83 1.54 3.08	•27	31.08- 38.22 45.32 30.35 E38.52	4.28
BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N	2.54 2.71 2.67- 3.44 2.24-	.44	3.49 3.89 E3.52 3.72 4.11	•93 1•85	1.63 2.60 3.59 4.87 3.29	•01	3.16 2.12 2.16- 4.65 4.60	1.47	3.07	2 • 49	1.82 2.50 2.39-1.33 4.00 4.21 .13	4.55	- 2.82	5.62 6.57 6.71 3.78 3.19	2.27	3.60 3.87 4.19 9.62 4.50	.63	4.71 2.41 2.30- 3.49 5.02	.69 1.50	2.93 3.92 4.07 2.33 2.70-	.71	2.32 2.35 2.45= 4.52 2.27=	•80	37.78 36.44 E37.25- 52.04 39.32-	
BOSWELL 1 SW BRAOOOCK LOCK 2 BRAOFORD FAA AIRPORT BRAOFORD CNTRL FIRE STA BRAOFORD 4 W RES	3.31 2.70 3.75 3.23 3.27		4.73 3.86 2.65 2.17 1.78		4.63 3.55 2.20 1.86 1.92		5.16 4.84 1.90 3.14 2.81		3.61 2.95 2.70 2.25 2.43		3.83 1.70 2.95 4.85 4.52	4.14 2.37 2.89 2.92 3.18		1.94 2.41 1.65 1.89 1.82		6.68 6.32 5.73 4.91 5.58		3.36 1.94 3.17 3.17 3.36		2.39 1.37 1.22 2.42 2.12		4.08 2.31 3.44 2.86 2.85		47.86 36.32 34.25 35.67 35.64	
BREEZEWOOD BROOKVILLE FAA AIRPORT BRUCETON 1 S BUFFALO MILLS BURGETTSTOWN 2 W	1.73 3.20 2.58 E1.82- 2.67	.87	3.93 2.59 3.51 4.25 3.95	2.22	4.17 3.48 E3.14 4.38 3.34	. 85	2.86 3.50 E3.96 3.62 3.93	.34	1.98 2.79 1.24 2.67- 2.48	1.27	2.84 3.16 2.22 2.05 - 1.60 2.30	3.76	20	3.67 2.15- 1.92	- 1.47	2.97 - 8.54 4.49 7.81	1.72	3.30 - 1.95 2.84 2.03	•13	.97 -1.26 2.82 2.07	. 29	2.36 2.69 E2.41 2.27	•01	33.12 E38.55 E36.98 38.53	11
BURNT CABINS 2 NE BUTLER	• 96 2 • 8 2 =	•14	E4.19 3.02	.45		.19	4.72 3.99	•23	2.26	1.97	2 • 15 2 • 67 - 1 • 39		- •41	2.80	- 1.21	5.28 3.75	.67	2.33	•69	3.90 1.36=	1.41	E2.05 1.67≻	1.15	E37.73 32.98	⊢ 6•83
CAMP KLINE CANTON 1 NW	2.37		3.08		2.53		4.08 5.12	22	2.43		3.18 3.49	2.10 3.62		3.56 1.82	- 1.73	3.85	1.36	3.90 3.19 5.26	1.95	2.32	.58	2.19	+29	35.59 32.18 E38.25	3.67
CARLISLE CARROLLTOWN 2 SSE CARTER CAMP 2 W CEOAR RUN CHAOOS FORO	E2.20- 2.89 3.39 3.43 3.62	.87	4.09 3.96 2.66 2.57 E4.45	1.57	3.29- 2.03 2.07 2.94 4.18	•49	4.05 4.84 3.86 4.83 4.65	• 32	2.22- 3.52 1.50 1.82 1.50		2.63 - 1.24 3.08 2.62 3.25 2.68	3.24 5.22 2.90 1.44		2.14 1.60 E1.94 4.43		6.15 5.84 E4.44 2.52		2.30 2.65 2.97 1.18		E1.91 1.80 2.61 6.49		2.02 2.11 1.97 2.11	27	E38.08 35.32 E35.67 E39.25	
CHAMBERSBURG 1 ESE CHARLEROI LOCK 4 CLARENCE (CLARION 3 SW CLAUSSVILLE	2.00- 2.63- 2.50 3.44 2.94		4.47 3.58 3.34 2.90 4.14	2.15 1.14	4.37 3.18- 3.79 2.59 3.19	•60	3.38- 5.01 4.67 3.89 3.58	.08 1.32	2.47- 2.41- 2.44 1.55 1.72		3.6444 .76- 3.08 4.16 3.07 2.92	1.80 2.63	- •17	1.72- 3.91 2.84 7.55	- 2.80 - 2.06	3.89 5.39 4.87 4.67 6.38	.59 2.50	3.11- 2.66 4.41 2.61 3.29	•04	3.53 1.76- 2.04 .59 4.25		2.61= 2.47= 2.01 2.20 2.92	•15	38.94 32.15 45.51	- 3.49
CLAYSVILLE 3 W CLEARFIELO CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW OAM	2.82- 1.85- 3.49 2.46- 2.82	1.34	4.60 3.95 3.05 3.98 4.22	2.09 1.33 1.20	2.47-	.88 1.53	4.61 4.55 2.86 4.44 4.07	1.12 .58	1.72- 3.07- 3.12 1.84- 2.48		1.90- 2.38 4.27 .14 2.37 3.17- 1.25 2.11	3.05	- 2.65 - 3.03	3.56- 3.22- 2.59 2.95- 1.89	- 2.11	6.04 5.06 5.78 3.15 5.52		2.02- 2.72- 3.29 2.37- 3.40	.82	2.71 1.41- 1.91 5.24 1.90	1.69	2.47- 3.19 2.69- 2.78	.70	36.69 36.98 37.95 38.01	- 7.26
CONFLUENCE 1 NW COMNEAUTVILLE CONMEAUTVILLE 6 E CONNELLSVILLE COMSHOHOCKEN	3.18- 2.74 3.11 2.94- 2.45-	• • • • • • • • • • • • • • • • • • •	4.30 2.63 2.61 3.05 4.38	1.43 .70 1.52	1.70 1.49 3.98	.33 .61 .62	4.11 2.78 2.48 4.31 4.17	.43 .72 .65		1.74	1.73- 2.95 3.38 3.85 1.98- 2.46 3.4433	4.68 3.36 2.58	- 2.26	1.94- 3.04 3.69 1.80- 4.30-	- 2.50		2.54 2.55	3.42 3.69 - 3.01 1.62-	.53 .06 1.50	1.94- 2.82 1.82- 6.14	.63 2.53	2.75 3.88 3.32 2.42	.87	37.96 37.81 39.67	- 3.56 - 4.37
COOKSBURG CORAOPOLIS NEVILLE IS CORRY COUDERSPORT 3 NW COUDERSPORT 6 E	E3.93 2.31- 3.43 2.79 E2.99	• 35	2.65 3.29 2.68 2.11 3.16			· •33 · 2•09	E4.02 3.38 3.41- 4.09 4.23	• 05 • 65	3.11 1.89- 3.09- 3.25 2.03	1.92	3.49 1.65 - 2.13 5.65 1.29 4.16 2.79		.74	3.90 E2.62 1.42 2.09 1.83	76 - 2.01	4.31 3.91 3.88 5.34 4.72	1.22		1.21	1.80 1.10= 2.52= 1.76 2.01	1.27	1.81 1.47- 3.43- 2.51 4.17		E38.65 E28.95 39.42 35.11 E34.85	- 7.11 - 5.04
COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE OANVILLE OEVAULT 1 W	2.09 3.12- E2.67 2.67 E2.78	12	1.90 3.65 3.78 3.67 E3.89	.94	1.01 2.83~ 4.65 1.85 E4.47	.84	4.34 3.58- 4.99 4.35 4.81	•40	1.25 2.04- 2.62 1.91 1.64	2 • 0 8	2.78 2.73 - 1.8 3.02 2.93 2.75	2.05 2.16 2.11 1.84 1.14	2.65	1.62 4.02 1.66 7.10 4.36	•10	4.26 7.84 7.78 3.50 4.19	4.64	3 • 21 2 • 43 – 3 • 36 4 • 10 E1 • 26	•60	1.97 1.00- 1.44 3.06 6.04	1.98	2.09 2.25 3.20 3.27 2.87	- •80	28.77 37.65 E41.28 40.25 E40.20	5.65
OIXON DONEGAL DONORA DOYLESTOWN OU BOIS FAA AIRPORT	2.99 4.24 E2.49- 2.31-	26	4.08 3.73 2.97 4.14	•67 1•60	1.92 4.24 3.42-		5.10 3.86 4.18 4.31	.67 .95		1.67	1.52 2.50 .89- 3.0 3.255			4.91 3.01 1.96 5.80 2.42		3.94 7.23 5.49 4.48 3.96	2.73	4.39 E3.60 2.50- 2.08- 2.89	1.04	2.14 2.36 1.13 4.64 1.30	1.22			-	5.90 - 2.78
OU BOIS 7 E OUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG	2 · 92 3 · 21 3 · 91 3 · 93 2 · 37=	- 1.12	3.01 E3.26 3.38 4.19 4.07		2.90 2.15 2.12 5.35 2.91	1.15	3.34 E5.50 5.50 3.01 4.54	.53	2.46 1.95 1.67 2.90 2.86=	1.75	3.46 2.15 2.39 4.41 2.62- 2.0	1.83 1.59 1.86 2.35 9 2.71	9 5	3.89 2.59 3.91 2.38 1.94		5.07 E3.57 3.31 5.01 6.52	3.43	3.15 4.58 6.22 2.88 2.32	.65	1.27 2.52 2.49 1.07 1.63	- 1.48	2.18 4.28 3.22 1.61 3.07	39	35.48 E37.35 39.98 39.09 37.56	3
EOINBORO EMPORIUM 1 N ENGLISH CENTER EPHRATA EQUINUNK 2	3.35 3.25 2.97 1.03- 3.60		2.94		2.57 3.15 7 2.81- 1.60	• 84	3.49 4.56 3.22- 5.15	•19	2.27 2.07 1.81-	2 • 02	2.41 3.18 2.70- 1.5 2.09	3.21 3.53 0 .63	3 - 4.11	1.60 2.19 4.24 3.89	47	5.02 3.30 3.60 3.28	16	4.56 2.94 3.89 3.82 6.05	. 6 Z	2.02	.63	2.48	•34	37.10	7.78
ERIE WB AIRPORT EVERETT 1 SW FARRELL SHARON FORO CITY 4 S OAM FRANKLIN	3.30 1.83 3.46 2.80 2.99	.63 .63	5.31 2.65 3.57	.36	4.06 5 3.29 3.09	- 1.71 .34 69	3.37 1.87- 3.72	1.52	2.25 2.10- 2.36	1.74	4.98 1.9 1.92 2.15- 1.5 4.40 5.05 1.1	6 1.96	0 5- 1-62 2	.99	- 2.30	3.82 2.73 5.91	.02	2.13 2.63 2.88 2.22=	.72 .18	2.76 2.18 1.00 1.58	33 - 1.49	E1.44 2.21 1.79 2.02	20	E33.28 28.82 36.27 E33.42	2 - 7.74 7 2 - 6.59
FREELANO GALETON GEIGERTOWN GEORGE SCHOOL GETTYSBURG	1.27- 2.62 2.36 2.74- 2.45-	•03	3 3 0 0 9	1.72	3 · 27 - 3 · 14 2 3 · 28 -	• 20	4.23 4.08 4.53	.94 .89	1.83	2.60	3.24 5.62 1.8	8 2.49 1.11 7 1.27	7- 3.67	2.91 4.10 6.59	1.85	4.03 4.64 3.88	•22	3.72	2.20 .04 1.55 .41	1.07 5.74 4.72 4.09	- 2.57 - 1.94 .96 .83	2.41. 2.68 2.62. 2.59.	73	33.67 40.12 43.27 6 36.65	7- 1.81
GLEN HAZEL 2 NE OAM GLENMOORE GLENWILLARO OASH OAM GOULOSBORO GRATERFORO	3.77 2.41 2.26 3.02- 2.18-		3.07 4.15 3.18 3.70 7 3.76	.81		- 2.32 - 2.43	3.92 4.53 3.38 3.84 3.70	• 25 • 21		2.61	1.74 4.77 2.00 1.56 2.3 4.23 .3	1.31	0 2 6- 3.20 1- 3.54	4.40	2.10	4.13	.02 .66		.76 - 1.52	4.45	•12		34	39.89 E40.84 30.28 39.56 34.06	8 8- 7.32 5-10.24
GRATERFORO 1 E GREENSBORO LOCK 7 GREENVILLE HANOVER HARRISBURG WB AP R	2.18 2.68 2.70 2.30 2.15	38 71	2.44	1.43	8 2.37- 6 3.74-	92 08	1.72 E3.00	- •52	2.03-	2.38	3.46 .59- 3.6 2.50- 1.6 2.32- 1.4 4.03 .6	2 2 3 6 4 2 4 6 1 1 2 6	3- 1.11 6- 1.79 6- 1.63 0- 2.31	1.79 2.73 4.18	- 2.09 - 2.00 - 1.41 - 53	2.92 2.73 3.59	04 35 77	2.90- 5.73 4.21	2.46	2.28- 4.34 4.10	1.27	2.28	28 28	8 34.96 0 28.29 8 E38.49 1 39.58	5-5.59 9-12.25 9-3.01 8 1.93
HARRISBURG NORTH HAWLEY HOLLISTERVILLE HOLTWOOO HONESOALE 4 NW	2.28- 2.61- 2.68- 2.15- 3.23	18	3.39	.77	5 1.61-	1.35 - 1.96 - 2.05 - 45	3.31-	79	1.01-	3.10	2 · 90 - · 5 3 · 23 - · 7	0 1.3	7 - 2.8° 4 - 2.7° 9 - 3.4° 3 - 2.9° 3	2.01	- 2.2 1 8	2.83	87 .69 - 1.38	5.54	1.15 .97 2.05	3.17	23 39	1.92	- 1.10 71 05	0 29.93 1 35.94	

#### TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

																							1962
Janu	uary	Feb	ruary	Ma	rch	Aş	oril	May	Ĵu	De .	July	August		Septem	pat	Octob	100	Novem	ber	Decem	ber	Appu	al
Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation Departure	Precipitation	amundaci	Precipitation	Departure								
E2.44 3.64 1.83- 2.37 1.34-	.86 1.21	3.68 3.20 4.43 3.63 4.28	2.32	3.12 1.93 3.25 3.37 4.73	.47	4.36 4.62 3.53 3.30 3.60	•01	1.19 1.29 1.41-2.7 2.20 1.98-1.6	5 • 13 2 • 08 3 • 04 3 • 98 2 • 12	.72	2.69	1.48	.88	3.95 3.88 5.82 4.96 4.53	2.82	2 · 84 7 · 38, 1 · 59- 4 · 27 2 · 73	1.24	5.57 1.83 2.20 4.49 2.64	.82	3.02 2.87 E2.07 2.64 3.19	.66	E40.86 39.19 E33.47 39.38 38.59	- 6.17 3.12
2.97 3.08 2.88 E2.36- 3.96	•32 1•26	3.65 1.98- 3.76 4.72 2.82	1.65	3.44 1.72- 3.63 E3.32- 2.44	1 • 25	4.62 1.73- 4.15 6.51 3.85	1.90 2.26	2.41	2 . 50		2.39 2.71 - 1.21 2.33 3.35 - 1.35 2.28	1.76	.34	10.02 3.60 3.79 7.19 E5.96	.39 4.20	2.62 2.63- 4.04 2.53- 4.28	•34	1.44 2.09 2.98 2.26 1.86	•68 •51	2.17 2.31- 2.94 E3.42 3.30	.05	43.04 29.61 37.17 E45.08 E39.22	- 8.61 •31
2.92 E1.76 3.04 3.37 3.27		3.07 E3.91 3.43 4.27 4.16		2.66 4.59 3.00 2.24 1.99		5.02 1.61 3.51 4.07 3.40		1.36 1.83 3.36 1.80 1.06	£2.86 .84 5.12 2.00 2.53		E1.44 3.59 3.25 2.82 3.86	3.21 3.58 3.89 3.42 4.64		4.67 2.51 3.91 4.32 5.52		2.52 .80 2.88 4.34 4.54		E1.69 3.08 .95 4.36 3.71		E2.25 E2.35 2.21 2.68 2.74		£33.67 £30.45 38.55 39.69 41.42	
2.82 1.87- 2.35 2.11	.10	3.94 3.55 3.72 1.96	1.18 1.07	1.39- 2.37- 2.01 2.47-	2.20	2.48- 4.15 3.68 2.86	1.33 .55	1.61- 2.5 1.46- 2.44 1.75 1.11- 2.86	2.69	.54 .37	1.90- 3.01 .46- 4.43 .51 1.82- 2.15	5.61 4.61		3.61- 3.31- 3.14 3.60	.12 .20	5.25 3.27 3.87 3.67	1.56 .05	3 • 2 4 - 4 • 4 0 3 • 7 8 1 • 71 -	.32			35.39- 37.49- 34.76 28.47-	5.80
2.32- 2.51 2.95 3.69 1.98	.78	3.78 3.06 2.53 2.31 3.94	1.19	2.36- 1.64 2.45 2.03 2.61	1,39	2.78- E3.04 5.26 3.72 3.39	87	2.58-1.6 1.82 1.34 3.05 1.24	3.44- 1.87 1.63 2.22 3.22	49	1.19 - 3.20 2.13 2.57 3.64 .78	3.98- 2.81 2.74 1.68 3.14	.29	4.67 5.97 3.23 6.05 4.39	.78	3.52 - 4.79 2.68 3.13 4.05	.03	4.20 4.19 2.42 2.70 3.52	. 84	2.42 = 2.96 2.38 3.18 2.66	.86	37.24 E36.79 32.18 37.40 34.92	- 6.75
2.56- 3.79 4.49 2.76 3.45	•01	3.02 4.61 3.05 3.57 4.13	•81	2.99- 2.20 3.22 2.43 3.15	•68	4.30 3.82 3.81 4.91 4.86	•91	2.41- 1.90 1.24 4.55 2.24 3.29	3 · 20 · 1 · 39 2 · 85 2 · 54 3 · 06	• 28	1.11- 3.22 2.96 2.39 2.83 3.11	4.07 4.61 2.59 2.11 2.38	.18	4.65 4.25 5.25 6.28 5.92	1.51	3.86 4.41 4.17 1.99 2.82	.72	1.62- 3.84 2.22 1.63 1.53	1.50	2.33+ 3.72 3.28 1.27 3.01	.44	36.12- 40.84 41.87 34.56 40.71	- 3.90
2.41 1.60 2.88- 3.57 1.45	.46	4.02 4.46 3.96 3.83 3.40	1.14	3.00 3.94 4.21 3.63 4.40	•23	5.10 3.93 3.65 4.77 3.10	•01	2.17 1.60 1.69= 2.04 2.58 1.74	2.34 6.00 2.46 2.54	2.46	1.36 2.66 1.46- 2.42 2.12 1.20	5.43 1.73 5.49 3.43 1.53	• 43	4.25 5.38 3.43 6.41 5.51	•21	1.95 2.30 1.33 3.37 1.87	1.54	5.35 2.64 4.92 1.22 2.50	1.41	2.08 2.39 2.52 4.07 1.90	.60	41.57 34.97 41.54 41.46 31.14	1.19
2.91- 1.71 E2.29- 2.68- 3.05	•11 •56 •03	4.02 4.23 2.87 2.28 3.31	1.37 .53 .24	4.38 3.03-	.39	3.62- 3.46 4.44 2.15- 4.12	.30 1.14 1.44	2.89 3.1544	2.55-	1.53	1.71- 2.58 2.16 2.8087 3.01- 1.24 2.34	1.71	. 85			3.77 2.34 1.66- 3.67 3.36	.35 .72 .36	4.34 4.31 .98= 2.29= 1.49	.69 1.41 .80	3.33 2.47 1.78= 3.14 2.60	.70 .43	35.42- 36.33 E33.96- 34.21- 35.58	2.94
4.82 1.78- 2.52 3.54 2.44	•95	4.05 5.19 4.05 4.06 3.47	2 • 8 4	E4.00 4.32 E3.98 1.34 3.24	.69	E2.35 3.70 E4.04 4.36 4.52	• 35	2.45 3.14- 1.13 3.35 1.16 1.29	7.74 2.92- 2.03 1.73 3.30	1.08	3.67 2.37- 1.20 3.47 1.34 .81	2.73 2.45 - 1. 1.83 2.86 2.56	.11	4.12 3.93 3.52 3.17 5.18	. 82	E2.83 2.30- 3.19 5.36 3.23	1.03	3.36 3.87 2.31 2.68 3.20	.89	1.57 2.66- 2.67 2.87 2.95	•21	E43.69 38.63- E36.96 34.47 36.19	1.12
3.12 2.52 2.36 3.69 2.35		3.68 4.25 3.06 3.73 3.80		2.12 2.74 2.72 1.70 2.62		5.08 4.10 2.66 5.33 3.76		2.53 1.37 2.07 1.19 1.58	2.33 2.31 1.87 E2.26 3.01		3.55 .63 3.33 2.05 1.17	4.64 1.87 2.26 4.51 3.19	1	2.95 5.02 4.46 3.38 4.28		3.86 3.41 1.65 6.91 3.14		2.73 2.75 1.69 2.47 5.52		3.09 2.34 1.97 E2.34 2.74		39.68 33.31 30.10 E39.56 37.16	
2.71 2.71 2.60- 2.90- 3.12	•51 •36 •26	4.07 4.05 2.54 4.45 2.59	.06 1.62 .21	2.65 2.04 3.10- 3.92- 3.21-	.61 .35 .17	3.48 2.42 3.95 4.27 1.70-	.23 .63 1.91	3.16 2.15 2.16~ 1.82 1.59~ 2.38 1.92~ 2.08	2.31 2.12 3.56- 4.70 2.78-	.73 .74 1.27	.79 .97 2.70- 1.56 1.47- 3.24 3.14- 1.13	7.29 2	.31	4.27 3.39 5.77 3.06- 3.23	2.94 .50 .35	4.28 2.90 2.21- 1.97- 2.83	.65 1.36 .10	4.53 3.42 .90- 5.11 1.94-	1.74 1.45 .72	3.05 2.74 2.40- 2.38- 2.33-	.27 .79 .23	39.37 36.29 35.85= 43.11 30.26=	2.23
3.65 E2.58- 2.31- E2.30 2.99	•57	3.82 4.06 3.48 3.05 4.76	1.46	4.50 4.30 3.69 4.66 2.84	.36 .14	4.80 5.27 4.57 1.73 3.53	1.50	2.70 1.70- 2.69 2.11- 1.96 3.35 1.45			4.20 1.66- 2.69 1.77- 2.42 3.25 2.34					2.32 2.68~ 5.27 2.62 4.27	.78 1.83	2.05 4.86 3.83 1.68 4.31	1.40	2.80 2.81- 2.68- 3.42 3.18	.46 .37	40.56 E36.61 43.40 E38.48 45.42	8.74
2.45 2.8 2.06 2.80 3.09	.13	E3.99 1.98 E2.35 4.87 4.36	1.87	3.33 1.23 1.55 3.14 2.16-	1.40	4.40 1.87 E4.78 4.36 3.66	•17	1.49 1.79 1.67 2.26 1.64~ 2.24	2.57 3.43 1.16 4.93 1.80	2.08	.59 3.16 .72 .80 3.50 - 1.60	3.96 3.71 2.54 6.03 3.00 - 1	.75	3.54 6.24 4.49 4.19 4.89	•90	1 • 2 4 4 • 2 0 4 • 3 7 2 • 7 3 3 • 7 3	• 49	5.72 2.14 1.59 5.38 3.54	.05	2.32 2.70 1.22 5.98 2.51	•73	E35.57 35.33 E28.50 47.47 37.88	6.19
2.79 2.88- 3.17 2.95- 2.83-	.01 .37 .37	2.64 £3.72 3.38 3.51 3.62	•95 •71 •92	E2.40 1.59 4.37 3.91 4.08	2.02 .11 .34	2.68 2.85- 4.31 3.69 3.97	•98 •29 •72	1.38 .80- 3.27 1.57 1.85- 1.89 1.53- 2.23	2.51 4.64 4.33 7.40 6.40	.97 3.35 2.44	1.56 1.98- 2.64 2.05 2.30- 1.86 1.97- 2.00	8.82 6.58 1	95	4.04 3.00- 2.92 2.77- 2.91-	.64 .69 .42	1.62 .95		.89 3.91 5.22 4.60 4.87	.31 1.20 1.51	1.28 2.10- 2.06 2.11- 1.97-	.83	43.82	.14 1.49
3.43 2.33- 2.62-	1.20 .64 .20	3.87 3.55 3.71	1.44 1.36 1.40	3.93 3.64 1.81 3.85 3.90	.58 .53 .38	4.11 E4.00 4.76 3.03- 3.39	•50 •05 •02	1.64	1.77	1.96	3.36 2.44- 1.44 3.1347	5.56 2.57~	.74	4 • 82	2.15	1.28 1.10- 5.65 2.11- 1.64-	2 • 1 1 • 4 1 • 8 6	.90 5.35 2.37 1.53- 1.25-	1.56 .71 1.09	1.60 2.68- 2.59 1.83- 2.24-	.57	41.63	4.52
3.32- 3.21- 3.08 3.27 2.67-	.02 .08	3.87 4.70 3.97 3.11 5.05	.92 1.89 2.34	3.31- 2.84 3.10 3.93-	1.55 .89	5.51 3.98- 3.15 4.20 4.16	1.42	2.19- 2.32 2.43 2.19	6 • 35 2 • 5 4 4 • 9 6	2.69	1.86- 2.77 2.71- 2.03 1.58 3.27 1.71- 2.92	4.47 4.45 2.39 5.12	.02	5.12 4.02 3.62-	•41 3.99	6.83 4.98 2.43 2.26	3.26	4.09 3.32 1.03 4.89	1.87	3.81 3.74 1.76 2.90-	1.26 .23	39.06- 53.96 41.20 35.73 41.51-	6.97
2.79- 2.75 3.43 2.60		2.76 3.41	1.64	3.43- 3.35- 1.87 3.17	•35	3.60 3.88 4.33 3.37 4.45	.46 .95	2.25 5.43 1.64 1.30- 3.01 3.01 2.13	2.05- 3.88 2.95	1.67	2 • 31 3 • 72			5.37 4.63 3.08		2.73 3.32 2.91- 3.11 2.84	•48	1.77- 2.89 2.50	1.25	2.29 3.31 2.33- 2.91 2.53	•33	E34.69- 36.98 34.98	3.59
3.15 2.40 2.82 4.27 2.53	.21	2.77 2.66 2.33 2.95 3.27	•38	3.48	•32	3.04- 4.88 3.23 3.46 3.66	•71	1.36 3.34 2.39 3.12	1.68 4.75 3.20 1.91	1.94	2.41~ 2.03 1.30 3.42 2.71 3.48	3.38 2.49 2.09 3.93	66	3.95 5.05 6.65 6.28	1.04	3.49 5.12 3.28 2.78 3.23	•49	2.02 2.25 1.67 1.02	1.71	1.81 1.69 1.50 2.33	1.15	36.78- 31.80 36.67 E37.74 38.24	4.02
	.60 .22 .38 1.18	3.04 4.10	.67 .15 1.05 1.47	1.00- 1.98- 2.22-	.84	3.51 3.71- 3.71 2.59- 4.21	.68	.84 - 3.11 3.21 - 1.28	1.99- 1.71- 3.08-	1.74	2.34 2.9297 2.15 - 2.66 1.48 - 3.31 2.06 - 2.52	4.28 4.05 7.59 3	42	2.34- 3.14 4.00	2.48 .69 .17 .57	4.40 5.46 4.17	.31 1.42 1.96 .85	2 • 20 = 2 • 80 = 4 • 23	1.69 .81 .14 .69	E2.49 2.20- 3.41	.05 .27	E29.69- 31.96- E46.28	8.46
2.11 2.95 3.47 2.75 2.47		4.59 2.66 2.78 2.22 3.67		3.99 2.77 2.55 2.55 3.17		4.18 4.44 3.57 2.09 4.42		2.43 2.84 3.34 1.61 3.88	1.60 1.91 2.52 4.49 2.50		2.04 1.99 3.89 1.97 4.88	1.37 3.16 1.18 1.03 2.04		4.43 4.80 4.93 3.15 5.44		3.54 2.58 3.08 2.00 3.23		4.15 1.62 1.72 1.18 2.51		2.40 2.38 3.04 2.08 3.16		36.83 34.10 36.07 27.12 41.37	
2.40 2.40 2.21 2.57 3.02	•53 •38	4.48 4.94 3.40 3.66 4.62	2,39	4.72 4.39 2.62- 3.65 2.96		4.55	.28 1.04	3.06 1.61 - 2.48 1.37 - 3.02 3.02 3.11	3.13 3.48- 2.39- 2.22 2.57	•23 1•18	2.53 2.68- 1.2 .77- 3.01 2.75 1.72	1.64 1.61= 2. 1.57= 1. 2.15 3.26	95			2.93 5.30 3:15 2.76 4.13	2.00	6.51 5.24 E1.95= 2.58 3.85	2.16	2.87- 1.51-	.21	40.52- E29.72-	
	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	## C	E2.44   3.68	S	B	B	B	The color of the	Section   Sect	S	Section   Sect	The color of the	The color of the	The color of the	The column   The	The column   The	The color of the	The column   The	The column   The	The column   The	The column   The	The column   The	The column   The

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table	2-0	 

Table 2-Continued																								T		
	Ĵanu	ary	Febr	uary	Mar	eh	Āpi	ril	Ма	у	Jur	10	Jul	у	Augu	ıst	Septem	ber	Octob	er	Novem	ber	Decem	red	Annua	1
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
STROUOSBURG STUMP CREEK SUNBURY SUSQUEHANNA TAMAQUA	3.78 2.57 2.87- 3.52 3.26	.42	4.96 2.88 3.73 3.21 3.91	2.10	3.07- 2.17 1.88- .83 2.93		3.77- 3.47 3.82 5.41 3.44	.38	1.90- 2.40 1.91- 1.49 2.05		2.70 2.73 2.45 3.03 2.28		2.41- 3.02 1.34- 1.71 1.92	- 2.29 - 2.51	3.57- 2.80 6.54 3.02 4.62	2.68	3.59- 4.66 3.40 2.42 5.24	.13	4.68 2.13 4.04 7.89 5.18	.81	1.18 2.97- 1.69 4.68	- •39	1.71 2.98- 2.05 2.96	•24	31.72 37.93- 36.27 42.47	3.80
TAMAQUA 4 N DAM	E4+35	1.03	E3.89	1.00	2.24-	1.93	3.60-	•66	2.31-	2 • 43	3.39-	•73		- 2.44	5.00	•06	4.30	•11	4.36	-40		78		•24	E43.38-	6.13
TIONESTA 2 SE DAM TITUSVILLE WATER WORKS TOBYHANNA	3.19 3.05 2.06-	1.54	2.82 2.77 3.87	.78	2.40 1.91 1.87	2.59	3.28 2.36 3.05	1.29	2.91 2.87 1.54-	2 • 98	2 • 34 3 • 78 1 • 19	3.14	3.31 3.87 4.02	- 1.21	4 • 16 3 • 24 5 • 24	- •01	4.34 3.70 4.59	•19	3.68 3.87 5.80	1.48	1.56 2.12 4.36	•06	2.09 2.05 3.19	.78	36.08 35.59 40.78-	11.03
TORPEOO 4 W TOWANOA 1 ESE TOWER CITY 2 E TROY TURTLEPOINT 4 NE	3.13 2.11 2.71 E2.2 2.2	.25	2.31 2.54 3.26 2.75 2.10	•61	1.39 1.66- 2.18 2.11 1.14	1.20	2.75 5.15 3.60 5.42 3.75	2.06	3.30 1.41- 1.99 1.50 3.31	2.61	3.87 1.20- 3.15 1.70 3.64	1.98	4.71 1.68 1.47 2.42 3.27	- 2.16	3.26 2.14 7.04 1.50 2.79		3.96 3.47- 4.29 4.19 5.95	- •02	4.90 3.67 4.49 3.24 2.91	•72	2.06 2.35 4.38 2.32 2.10	27	2.82 1.98- 3.38 2.89 3.19	.19	38.46 29.36- 41.94 E32.30 36.43	5.98
TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN VANOERGRIFT VIRGINVILLE	2.54 2.91 2.58- 2.64- 2.50	.69 .04	4.06 2.49 3.14 3.41 3.82	.56 1.03	3.02 1.07 3.90 3.40- 3.0	.14	5.22 2.95 4.45 3.87 E4.34	•75 •32		2.14		2.83	1.64 3.16 3.50 3.36 2.68		2.47 2.17 5.55 3.66 4.37		5.53 4.39 5.92 6.92 5.02		1.39 4.14 2.76 2.93 1.89			15 - 1.40		- •0		67 •07
WARREN WATSONTOWN WAYNESBURG 2 W WAYNESBURG 1 E WELLSBORO 3 S	3.14 3.41 2.89-	•28 •19	2.88 4.61 3.62 1.93	.32 1.15	1.4 3.91 3.16	2.07	2.85- 4.25 4.96 - 3.33	.76 1.37	3.68- 1.38 1.43 1.07	•59	5 • 86 4 • 91 - 2 • 36 3 • 50	1+19	1.98 2.41		1.84 3.16 1.54 1.97		4.58 2.95 - 3.83 5.17	1.15	4.40 4.59 - 3.07 3.34	•99	3.03 - 3.01 1.54	- 1.83	2.76 3.40 - 2.62 2.20	• •2	7 39.28- 42.56 - 29.50	3.45
WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESBURG WILKES BARRE	2.46- 2.66- 3.65 2.73 2.23-		3.76 4.25 E2.70 3.11 3.45	.86 1.50	3.37- 3.33- 2.15 4.91 1.02-	.91	4.98 4.85 3.09 E4.89 3.82	1.55	1.51- 2.02- 2.78 2.35 1.35-	2.19	3 • 14 • 3 • 5 2 • 2 • 03 6 • 5 4 1 • 8 3 •		2.04 .86 2.36 2.40 3.94		6.05 3.25 4.10 1.98 6.01	- 2.02		15	1.83 3.30 E2.48	- 1.17	5 E4.91 5.98 1.71 E1.12 2.35	2.46	2.58 2.60 E2.72	7	E34.31 E42.92	6.59
WILLIAMSBURG WILLIAMSPORT W8 AP WOLFSBURG YORK 3 SSW PUMP STA YORK HAVEN	3.24 3.10 1.62 2.30- 2.08-		5.10 4.05 4.46 4.36 3.69	1.98	3.88 4.80 4.09 3.41 2.49	1.07 .21 .98	4.95 3.00 3.25 3.38 2.69	. 14	2 • 12 2 • 61 = 3 • 39 1 • 62 = 3 • 02 =	2.72	5.07 2.11 1.98 3.96 2.80		3.42 2.54 3.40 2.50 1.06	- 1.64 - 1.34	2.03 4.55 5.31 1.86 3.45	•93 - 2•89	4.28 2.29	02 - 1.06	1.66 5.31 2.12 5.32 4.43	1.99	2.38	1.00	2.20 2.70 2.83	- •1	38.48 37.93 8 35.24	
ZION GROVE ZIONSVILLE 3 SE	3.00 2.52		3 • 3 4 4 • 2 2		E1.03 3.03		E2.90 3.98		1.72		3.78 7.10		1.68		7.43 6.09		3.16 3.95		5 • 12 2 • 58		2.90 4.36		2.97		E39.03 42.93	
OLVISIONAL AVERAGES																										
NORTHWEST PLATEAU POCONO MOUNTAINS EAST CENTRAL MOUNTAINS SOUTHEASTERN PIEOMONT LOWER SUSQUEMANNA	3.33 2.53- 3.05- 2.47- 2.11-	•11 •74	2.69 3.81 4.51 3.93 4.51	1.84	3.09 3.34	1.73 .78 .54	2.67- 3.57- 3.50- 4.00 3.66		1.23= 1.68= 1.93=	1.56 2.93 2.64 2.06 1.89	3.99 2.17 3.39 3.90 3.03	- 1.80 49 00	2.58 2.34 1.22	- 1.11 - 2.23 - 2.67 - 3.18 - 1.76	4.75 5.25 4.89	.71	3.46 5.30 3.56	1.45	5.23 3.78 2.31	1.6: 8:	2 2.96 4 3.99 5 4.91	1.4	2.35 2.87 3.2.56 4.2.69	9 5 5 3	1 36.58 7 42.75 9 39.02 4 38.17	- 8.16 - 2.85 - 4.51 - 2.98
MIDDLE SUSQUEHANNA UPPER SUSQUEHANNA CENTRAL MOUNTAINS SOUTH CENTRAL MOUNTAINS SOUTHWEST PLATEAU	2.7 2.71 2.6 1.8 3.01	1.09	2.80 3.06 4.19	•65 •68	1.81 3.07 4.02	1.26 .64	4.38 4.10 3.99	.36 1.10 .50 .31	1.20 2.05 2.26	2.10 2.90 2.36 1.96	2.32 2.51 2.37	86 - 1.06 - 1.29 - 1.74 - 1.83	2.37 1.64 2.65	- 1.62 - 1.61 - 2.62 - 1.55 - 1.21	3.32 3.06 2.21	61	4.00 4.89 5.41	1.86 2.53	2.84	1 · 2 · 2 · 3	9 1.99 2 1.53 5 2.65	9 - 1.5 1	2 2.33 6 1.93 9 2.33	- ·1 - ·9 - ·5	8 33.63 3 33.30 9 36.04	- 1.08 - 4.44 - 7.49 - 4.81 - 3.99

							Last sp	ring mi	nimu	m of					_	Fire	it fall	minin	num	of						er oi		
Station	16				16° or below		20° or below	24° belo		28° or below	k	2° or elow	b	2° or elow	]	28° or below		24° o belov		20° c		16° o belov		below	below	below	below	below
	Highe	Date	Lowes	Date	Date	Тетр.	Date Temp.	Date	Тетр.	Date	lemp.	Date Temp.	Date	Tomar	dmar	Date	тепр.	Date	Temp.	Date	Temp.	Date	Тетр.	16° or	20° or	24° or	28° or	32° or
ALLENTOWN WB AP ALLENTOWN GAS CO ALTOOMA HORSESHOE CURVE ARENOTSVILLE AUSTINBURG 2 W	97 97 94 102 97	5-19 5-20 8-31+ 8-21 8-24	- 6 - 2 - 6 1 -15	2-11 12-31+ 2-11 2-11 2-11	3- 4 3- 4 3- 8 3- 9 4- 4	13	3- 4 12 3- 8 18 4-17 19 3- 9 14 4-15 20	4- 4 4-17 4- 4	24 19 24	4-17 2 4- 4 2 4-17 1 4-17 2 5-10 2	4 5 9 5 8 4	-18 32 -10 32 -10 31 -17 28 -12 30	10- 10-	25 3 24 3 25 2	0 10 2 10 6 10	-26 2 -25 2 -25 2	28 1	1- 7 1- 7 1- 7	24 23 23	12-10 11-26 12-10	15 18 16	12-10 12-10 12-10 12-10 11-19	15 12 16	281 277 276	277 223 276	217 204 217	205 191 191	168 167 191
BAKERSTOWN 3 WNW BEAR CREEK DAM BELLEFONTE 4 S BERWICK BETHLEHEM LEHIGH UNIV	94 - 95 96 94	8-31+ - 8-21+ 7-8 7-8	- 4 -11	12-12 - 1-11 12-31 12-31	3- 4 - 3- 9 3- 4 2-13	15	4-17 20 - 3- 9 15 3-24 20 3- 4 18	- 4-16 4- 4	24	4-17 2 4-16 2 5-10 2 3- 9 2	4 5	-24 30 -10 32 -10 28 -29 31	9- 9-	7 3	1 9 2 10 1 10	-21 2 -25 2 -25 2	8 1 2 5 1	0=25 0=27 1= 6	24	10-25 11-26 11- 7	17 18 19	12-10 11- 7 11-27 12-10 12-12	14 14 15	263 281	262 228	194 216	168	120 167
BLAIRSVILLE 6 ENE BLOSERVILLE 1 N BRADFORD FAA AIRPORT BRADFORD 4 W RES BROOKVILLE FAA AIRPORT	91 99 86 87	8-31 8-21 5-16 8-30+	- 9 - 2 -15 -17	1-10 2-11 2-11 12-27+	3- 4 3- 4 4-17 4-17 3- 8	10 16 16	4-17 18 3-5 20 4-17 16 4-21 20 4-17 18	3- 9 5-10 5-10	24 23 21	4-17 1 4-17 2 5-10 2 5-12 2 5-10 2	6 4 3 5 8 5	-24 32 -17 26 -10 23 -12 28 -10 28	9-		7 10	-25 2	27 1	2-10	15	12-10	15	12- 9 12-10 11-19 11- 7	15	281	280	276	191	191
BURGETISTOWN 2 W BURNT CABINS 2 NE BUTLER CANTON 1 NW CARLISLE	95 99 93 90 104	8-21 8-21+ 5-19 7- 9 8-20	-11 -10 - 7 - 8 1	2-11 2-11 1-12+ 2-11 12-31+	4-17 3-8 3-9 3-8 3-8	5 14 15	4-18 20 4- 4 19 4-17 17 4- 3 20 3- 9 18	4-21 4-17 4-17	24	4-24 2 4-21 2 4-24 2 4-18 2 4-17 2	4 5 8 4 5 5	-25 29 -10 29 -24 28 - 9 32 -21 32	9- 9- 10-	21 2 20 3 22 3	9 10 1 10 2 10	-25 2 -26 2 -24 2	25 1 28 1	0-25 l- 6 0-25	23 24 24	11- 7 11- 7 10-26	18 20 20	11-26 11-27 11-26 12-10 12-10	14 15 9	264 262 277	217 204 206	187 203 191	187 185 189	134 149 166
CHAMBERSBURG 1 ESE CLARION 3 SW CLAYSVILLE 3 W CLERMONT 4 NW COATESVILLE 1 SW	101 91 95 92 95	8-20 8-31 8-20 7- 8+ 8-21+		2-11 1-31 12-13+ 12-27 2-11	3-9 4-17 3-25 4-17 3-4	13 16 10	3- 9 15 4-21 19 4-17 17 5-10 20 3- 9 19	4-24 4-21 5-10	21 23 20	4-21 2 5-10 2 4-24 2 5-10 2 4- 4 2	5 5 6 4 0 5	-10 30 -10 25 -24 26 -12 30 -17 29	9- 9- 8-	20 3 21 2 18 3	2 10 7 9 1 9	-25 2 -21 2 - 6 2	25 1 27 10 27	1- 7 0-27 9- 7	19 20 24	11- 7 10-27 11- 7	19 20 14	12-10 11-25 11-26 11- 7 12-10	14 12 14	222 246 204	200 193 181	197 189 120	150 119	133 150 98
CONFLUENCE 1 SW DAM CONNEAUTVILLE CORRY COUDERSPORT 3 NW DEVAULT 1 W	94 94 90 88 95	8-21 7- 9 8-31 8-30+ 5-19+	-13 -10 -11 -19 - 3	2-12+ 2-11+ 2-11 12-27 2-11	3- 9 4-16 4-16 3-26 3- 3	16	4-17 4-17 18 4-17 5-10 18 3- 9	4-21 4-21 5-10	24	4-24 2 5-10 2 5-10 2 5-10 1 4-16 2	8 5 8 5 8 5	-25 31 -10 28 -10 28 -12 29 -18 30	9-	7 3	2 10	-25 2 -24 2	25 1	L-26 L- 7	13	11-26 11-26	13	11-26 11-26 11-26 11- 7 12-10	13	224	223	219	168	120
DIXON DONEGAL DONORA DU BOIS FAA AIRPORT DU BOIS 7 E	99 92 97 90 89	7- 9 8-20 8-20 8- 6 8-20+		2-11 2-11 1-10 12-13 12-27	3- 9 1 3- 8 1 3- 3 1 4-17 1	12	4-5 17 4-17 18 3-8 18 - 4-17 15	4-17 4-17	18	5-11 2 4-24 2 4-17 2 5-10 2	8 4	-13 32 -24 28 -21 31 -10 25	9- 10- 10-	21 2 25 3 23 3	8 9 1 10 2 10	-21 2 -26 2 -24 2	28 10 26 10 27 10	0-26 0-27 0-26	24	11- 7 12-10 11-26	17 14 18	11-27 12- 9 12-10 12- 9 11-26	11 14 12	276 282 -	204	192	150	150 187
EAGLES MERE EAST BRADY EBENSBURG EMPORIUM 1 N ENGLISH CENTER	87 95 90 90 94	7- 9 8-20+ 8-31+ 7- 9+ 7- 9	-10 -11 -13	12-31 12-13 2-11 2-11 12-13	3- 5 3- 8 4- 4 4- 4 4- 5	11	4- 3 18 4- 4 20 4-17 18 4-17 19 4-17 20	4-17 4-17 5-10	23 18 23	4-18 2 4-21 2 4-21 2 5-10 2 5-11 2	6 5 5 5 3 5	-10 32 -10 32 -12 30 -12 32 -13 32	9- 10- 9-	20 3	2 10 0 10 2 10	-25 2 -25 2 -18 2	6 10 5 10 8 10	0-27 0-26 0-30	24 23 24	11- 7 11- 7 11- 7	20 20 16	12-10 11-26 12- 6 11- 7 11-26	14	263 246 217	217 204 204	193 192 173	187 187 161	133 159 117
EPHRATA ER1E WB A1RPORT EVERETT 1 SW FARRELL SHARON FORD CITY 4 S DAM	96 93 95 96 92	5-19 7-8 9-1 7-6+ 9-1+	- 5 - 3 - 8 - 6 - 8	2-11 2-11 2-11 1-10 12-12	3- 4 1 3- 4 3- 9 3- 8 1 3- 8 1	6	3-8 20 3-5 17 3-19 20 4-16 20 4-17 18	4-17 4-17 4-16	23 24 20	4-17 2 4-17 2 4-18 2 4-17 2 4-21 2	3 4- 6 4- 5 4-	-17 27 -20 30 -21 32 -21 30 -10 32	10- 9- 10-	25 3 21 3 25 3	1 11 1 10 2 10	-25 2 -26 2 -27 2	28 1 26 1 28 1	1-26 1- 7 1-26	24 19 20	12- 9 11- 7 11-26	17 19 20	12-10 12-10 11-27 12-11 11-26	13 12 12	281 263 278	279 233 224	223 204 224	222 191 193	188 153 187
FRANKLIN FREELAND GEORGE SCHOOL GETTYSBURG GRATERFORD 1 E	92 90 96 101 95	5-18 7- 8+ 5-20 8-21 7- 9+		1-10 12-31 2-11 2-11 2-11	3-8 1 3-4 1 3-8 1 3-5 1	0	4-17 19 4-18 20 3- 8 19 3- 9 17 3- 9 20	4-18 4- 4 3- 9	20 22 17	4-21 2 4-18 2 4-17 2 4-17 2 4-17 2	0 5 6 5 8 4	-10 32 -10 32 -10 31 -17 28 -10 30	9- 10- 10-	21 3 25 2 25 2	2 10 5 10 8 10	-25 2 -25 2 -25 2	6 1 5 1 8 1	1- 7 0-29 1- 7	24 24	11-26 11- 7 12- 9	20	11-26 12-10 12-11 12-11 12-10	11 16 12	281 282 278	222 244 275	203 208 243	190 191 191	134 168 191
GREENVILLE HANOVER HARRISBURG WB AP HAWLEY MOLTWOOD	95 98 100 93 95	7- 7+ 8-21 8-20 7- 9 8-20	-13	1-10 12-31+ 2-11 2-11 12-31	3- 4 3- 9 3- 8 3-10 3- 4	13	4-17 19 3- 9 13 3- 8 14 4- 4 17 3- 4 14	3- 9 4- 4 4-18	13 24 24	4-24 2 4-17 2 4- 4 2 5-11 4- 4 2	7 4· 4 5· 6 5·	-24 28 -18 32 -10 32 -12 32 -17 30	10- 10- 9-	25 2 25 2 21 3	9 11 8 10 1 9	- 7 2 -25 2 -22 2	8 1 7 1	l - 7 l - 7	24 24 19	12-10 12-10 10-25	16 19 19	11-26 12-10 12-11 11-26 12-12	16 14 14	276 278 261	276 277 204	243 217 190	204 204 134	190 168 132
MUNTINGDON INDIANA 3 SE JANESTOWN 2 NW JOHNSTOWN KANE 1 NNE	96 92 91 96 89	7- 9+ 8-31+ 9- 1+ 9- 1+ 7- 9	-12 - 4	2-12+ 12-13 12-12+ 2-11 12-27+	3- 9 3-18 4- 3 3- 9 4-17	16 15 13	4- 4 20 4-17 17 4-17 18 3- 9 13 4-21 20	4-21	24 23 22	4-21 2 4-24 2 4-24 2 4-17 2 5-10 2	7 5. 7 5. 7 4.	-10 29 -10 31 - 4 32 -21 30 -12 29	10- 9- 9-	18 3 7 3 21 3	1 10 1 10 2 10	-25 2 -25 2 -26 2	5 1 5 1	l – 6 l –20 l –26	24 22 22	11-26 11-26 11-27	15 13 19	11-27 11-26 11-26 12-10 11-19	15 13 14	253 237 276	223 223 263	199 213 246	184 184 192	161 126 153
KEGG LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LAWRENCEVILLE 2 S LEBANON 4 WNW	95 95 94 94 96	8-20 5-19+ 8-21 7- 8 8-21	- 9 - 8 - 3 -16 - 2	2-11 2-11 2-13 2-11 2-11	3- 9 1 3- 8 1 3- 4 1 3- 9 3- 4 1	15	4- 4 20 3-19 20 3- 8 19 4- 4 19 3- 5 18	4- 4 5-10	21 21 22	4-17 20 4-17 20 4-17 20 5-12 20 4-17 20	6 5 5 4 8 5	-10 32 -10 29 -17 25 -12 28 -17 26	9-	713	2   9	-21 2	8110	1- 2 0-25 0-25 0-24	24 21 24 23	11- 7 11- 7 12- 9 10-25	20 16 20 20	12- 9 11- 7 12-10 11-19	16 16 16 15	275 244 281 255	217 233 276 204	167	190 191 191 132 191	118
LEWISTOWN LOCK HAVEN MADERA MARCUS HOOK MARION CENTER 2 SE	99 96 92 99	8-21 5-19+ 7- 9 5-19 8-31	-11	2-12+ 2-12+ 2-11 12-31 12-13	3- 9 1 3- 9 1 4- 4 1 3- 4 1 4-17 1	16	3- 9 15 4- 4 20 4-17 19 3- 4 16 4-17 16	4- 4 4-22 3- 4	20 24 16	4-5 2 4-21 2 5-11 2 3-5 2 4-21 2	7 5.	-10/20	0-	21 3	2 10	-28 2	5 11	1 - 7	20	11- 7	201	12-10 11-27 11- 7 12-12 12-10	16	263	217	217	190	134
MARTINSBURG FAA AP MEADVILLE 1 S MERCER 2 NNE MERCERSBURG MILLVILLE 2 SW	97 91 91 102 92	8-20 7- 8 8-31 8-21 8-21+	-10 - 1	2-11 12-12 1-31 2-13 2-12+	3- 8 1 4- 2 1 4-17 1 3- 8 1 3- 9 1	15	3-8 15 4-17 20 4-21 18 3-9 18 4-4 19	4-21 4- 4	20 18 22	4-17 4-24 4-24 4-17 4-18	7 5- 5 5- 7 5-	-21 31 -10 32 - 4 32 -10 31 -10 29	9-	6 3	0 10	-22 2 -25 2	5 10	0-23	20	10-23	20	12- 9 11-26 11-26 12-10 12- 9	13	223	185 276	185	181	125
MONTGOMERY LOCK AND DAM MONTROSE MORGANTOWN MT GRETNA 2 SE NEW CASTLE 1 N	94 93 95 95 92	8-20+ 7- 9 8-20 8-20 8-30	-11	12-13+ 2-12+ 12-31 12-31 1-10	3-81	4	3- 8 16 4- 4 20 3- 8 13 3- 9 20 4-17 18	4-17 4- 4 4- 7	23 22 24	4-21 2: 4-18 2: 5-10 2: 4-17 2: 4-24 2:	5 5 8 5 4 5	-24 30 -11 30 -10 28 -10 30 -24 28	9-	21 2	8 9	-21 2	28   10	1-25	20	10-25	20	12-10 12-10 12-10 12-10 11-26	11	280	204	191	156	133
NEWELL NEWPORT NEW STANTON NORRISTOWN PALMERTON	99 99 97 98 95	8-21 8-21 5-17 5-19 5-19	0	1-10 2-12+ 12-13 12-31 2-11	3- 2 1 3- 9 1 3- 8 3- 4 1 3- 4 1	6	3-8 17 3-9 10 4-17 18 3-4 14 4-4 19	4- 4 4-17 3- 8	21 18 24	4-17 2: 4- 5 2: 4-24 2: 4- 4 2: 4-17 2:	5 4- 8 4- 7 4-	-24 31 -21 29 -24 28 -17 29 -10 31	10-	25 2 22 3 25 3	7 10 1 10 1 11	-25 2 -26 2 - 7 2	7 10	1- 7 0-27 2-10	23 24 18	11-27 11- 7 12-10	20 18	12-10 12-10 11-30 12-11 12-11	12	276 267 282	2°3 204 281	217 193 277	203 185 217	187 181 191
PHIL DREXEL INST OF TEC PHILADELPHIA WB AP PHILADELPHIA PT BREEZE PHILIPSBURG FAA AP PHOENIXVILLE 1 E	97 96 96 88 96	5-19 5-19 5-18 8- 6+ 5-19		12-31 12-31+ 2-11 2-11 2-11	3- 4 1 3- 4 1 3- 3 1 4- 4 1 3- 8 1	16	3- 4 15 3- 5 20 3- 4 18 4-17 19 3-10 20	3- 5 3- 4 5-10	20 18 22	3- 8 2: 4-17 2: 3- 4 1: 5-10 2: 4-17 2:	7 4- 8 3- 2 5-	-17 32 -17 27 -10 32 -10 22 -10 30	10-	25 2	5 10	-25 2	5 11	- 7	20	11-7	20	12-12 12-12 12-13 11-26 12-11	15	283	247	247	191	191
PITTSBURGH WB AP 2 PITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON PUTNEYVILLE 2 SE DAM	95 96 89 95 93	7- 9 8-21+	- 1 -13 - 5	12-13+ 1-10 2-11 12-31+ 1-11+	4- 4 1	13	3- 8 12 3- 4 19 4-17 19 4-17 20 4-17 20	3- 8 4-18 5-10 4-17	23 21 23 20	5-11 2: 5-10 2: 4-24 2:	8 4- 8 5- 3 5- 8 5-	-12   29 -11   32 -10   30	9- 9- 9-	25 3 7 3 21 2 20 3	2 11 0 9 7 9 1 10	-26   2 -22   2 -21   2	7 10	2- 9 0-25 0-25	19 16 20	12- 9 10-25 10-25	19 16 20	12-9 12-10 10-25 11-7 11-26	16 16 15	282 204 217	280 191 191	276 190 168	252 134 134	191 118 133
								Sac	a rafa	rence not	on fall	omina	Stat	ion I'm	dov													

# TEMPERATURE EXTREMES AND FREEZE DATA

PENNSYLVANIA 1962

																												702
							Last	sprin	ng minim	um of						F	rst fa	dl minir	num	of					Num	ber of		
Station					16° d belo		20° or below		24° or below		3° or slow		° or low	32° or below		28° c belo		24° o belov		20° o belov		16° d belo		below	below	below	below	below
	Highest	Date	Lowest	Date	Date	Temp.	Date	lemp.	Date Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or b	20° or b	24° or b	28° or b	32° or b
OUAKERTOWN 1 E READING WB CITY RENOVO RIOGWAY SALINA 3 W	95 96 96 90 92	8- 7+	- 6 -17	2-13 12-31 12-31 2-11 12-12+	3- 9 3- 4 3- 9 4-17 4-17	16 11 14	3- 4 1 4- 4 1 4-17 1	6 9 4	4- 4 19 3- 5 23 4- 5 23 4-21 22 4-17 14	4- 3 4- 5-	18 28 4 28 21 27 10 25 24 28	4-1 7 5-1 5 5-1	.0 29 .7 30 .1 29 .1 31 .5 31	10-25 10-18 9- 8	31 29 32	10-25 11- 7 10-25 10-27	21 27 28 28	10-25 12-10 10-28 11- 7	21 19 23 18	11- 7 12-10	18 19 18 18	12-10 12-11 11-19 11-26	16 16 16	276 282 255 223	217 281 217 204	204 280 206 200	190 217 187 170	134 191 160
SCRANTON SCRANTON WB AIRPORT SHIPPENSBURG SLIPPERY ROCK STATE COLLEGE	100 94 100 92 92	7- 8 8-20 5-18	- 7 -10 - 4 - 7 - 3	2-11	3~ 5 3- 4 3- 9 3- 8 3- 8	11 15 16	3- 9 1 3- 8 1	5	4- 5 21 4- 4 22 4- 4 24 4-17 21 4- 3 24	4-	16 28 17 26 17 26 21 28 18 28	5 4-2 5-1 5-1	9 32	9-21 10-24 10-26 10-24 10-24	32 30 31	10-25 10-30 10-25	27 27 28	II- 5 1I- 7 IO-27	24 23 22	12~10	20 15 18	12-10 12-10	15 15	281 276 277	263 276 276	215 217 193	191 196 187	186 169 168
STOYSTOWN STROUOSBURG SUNBURY TIONESTA 2 SE OAM TITUSVILLE WATER WORKS	91 95 99 91 88	7- 8+	-15 - 4 -10	12-14+ 2-11 12-3I 12-13 12-27+	3- 9 4- 4 3- 9 4- 3 4-17	15 13 16	3- 9 1 4-17 1	3	4-17 21 4- 5 24 4- 5 23 4-21 23 4-24 22	5- 5- 5-	21 28 10 27 10 28 10 28	5-1 5-1 5-1	21 28 0 27 1 29 0 28 2 31	9-21 9-21 9- 7	27 32 32	9-21 10-25 10-25	27 25 28	10-25 10-30 10-27	19 24 21	10-27 10-25 11- 7 11-26 11- 7	19 19 15	11- 7 12-10 11-26	15 14 15	217 276 237	204 243 223	203 208 189	134 168 168	134 133 120
TO8YHANNA TOWANOA 1 ESE TOWER CITY 2 E UNIONTOWN WARREN	90 96 94 95 92	7- 8 7- 8 8-21 8-20 7- 8	-12 - 2 - 2	12-28 2-11 12-31+ 12-13- 12-27+	4- 4 3- 8 3- 9 3- 2 4- 3	10 16 8	4- 4 1	8 8	5-10 24 4- 4 18 4- 4 19 4-17 21 4-21 24	5- 5- 4-	10 24 10 28 10 28 17 21 10 28	5-1 5-1 4-2	2 32 0 28 0 28 4 32 0 28	9- 7 9-21 10-25	31 29 32	10-25 10-25 10-26	22 21 28	10-25 10-25 I1- 7	22 21 23	10-25 11- 5 11- 7 12- 2 11-19	19 17 20	11-7 11-27 12-10	15 15	244 263 283	215 217 273	204 204 204	168 168 192	120 134 184
WAYNESBURG 1 E WELLSBORG 3 S WEST CHESTER WILLIAMSPORT W8 AP YORK 3 SSW PUMP STA	98 90 98 95 99	8-21 7- 9 5-20 8-20+ 8-20			3~ 8 3- 9 3- 4 3- 8 3- 9	12 13 16	3- 4 1 3- 8 1	3 6	4-17 18 4-18 23 3- 9 24 4- 4 22 4- 4 22	4-	24 28 18 23 17 28 17 27 17 25	5-1 3 4-1 5-1	7 28	10-24 10-25 10-25	28 27 28	10-24 10-25 10-25	28 27 28	10-25 11- 7 11- 7	24 23 22	11-19 12-10 12-10	17 16 17	11-26 12-10 12-11	16 16 9	262 281 278	216 281 277	190 243 217	189 191 191	167 191 168

## TOTAL EVAPORATION AND WIND MOVEMENT

Ta		

Station	-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct	Nov.	Dec.	Annual
BEAR CREEK DAM	EVAP WINO MAX MIN							7.00 1761 78.5 55.3	6.39 1877 77.7 56.4	2.90 1629 65.7 46.7	81769 49.1 34.9			
BELLEFONTE 4 S	EVAP WINO					7.51 2219	6.65 1460	7.52 1930	6.47 1747	83.58 1725	B3.14 1684			
CONFLUENCE 1 SW OAM	EVAP WINO				●B2.96 B2070	5.56 1684	5.27 939	5.22 1083	5.33 1222	2.87 1170	B2.36 1312			
FORD CITY 4 S OAM	EVAP		*			B5.77 B1344	B5.85 825	6.00 1095	5.80 1024	B3.01 946	B2.39 1394			
JAMESTOWN 2 NW	EVAP OEP WIND						B5.64 .60 B 669	6.62 .80 791	5.97 1.28 828	2.85 51 770				
KANE 1 NNE	EVAP										86.21			
LANOISVILLE 2 NW	EVAP WIND MAX MIN					B6.75 2196	6.91 1639	8.61 2046	8.12 1740	3.37 1422 73.0 51.5	1531 69.0 48.1			

No record ie indicated by no entry.

Wax and min in Table 4 refer to mean maximum and minimum temperaturee of water in pan.

	Janu	мгу	Febr	uary	Ma	irch	A	pril	М	ay	Ju	ne	Jı	ily	Au	gust	Septe	mber	Octo	ober	Nove	mber	Dece	mber	Ann	ual
Station and Depth	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Ехтепез	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
IE CO FIELD R5CH LAB																										
8 INCHES	33,0	35/30	32.4	35/30	32.3	34/26	42.8	60/33	60.9	70/49	67.0	78/63	74.9	81/66	71.6	77/67	64.6	76/54	56.4	64/45	43.1	48/38	36.9	42/35	51.4	81/26
LANOISVILLE 2 NW																										
2 INCHES	29.4	31/27	28.7	30/26	32.5	45/26	44.2	57/36	56.5	63/48	63.7	67/61	65,6	70/61	68.5	70 /63	58.8	70/32	53.5	63/42	41.8	48/33	31.8	40/29	47.9	70/26
STATE COLLEGE 2																										
2 INCHES	29,3	33/17	30.8	34/24	36.0	56/22	48.3	73/34	64,5	86 / 48	73.1	91/58	76.9	96/60	76.4	97/59	63.3	81/48	55.1	66/40	40.8	49/33	32.6	40/19	52,3	97/17
4 INCHES	29.7	33/19	30.9	34/25	35.4	53/23	47.3	69/35	62,9	77/47	71.1	84/60	74.9	89/61	74.9	90/61	63.4	79/50	55.2	65/41	42.5	49/34	33.3	40/21	51.8	90/19
8 INCHES	31.6	34/25	31.8	35/28	35,2	48/28	46.4	63/37	61,2	70/50	69.3	76/63	72.6	80/64	73.5	81/67	64.2	76/53	56.3	64/44	43.1	49/35	35.0	40/26	52.3	81/25
12 INCHES	33.5	36/31	32.7	34/31	34.8	44/32	45.4	58/38	59.3	67/52	67.2	71/63	70.6	74/66	72.0	75/68	64.7	75/56	56.9	62/47	44.7	49/37	37.0	41/33	51.6	75/31
16 INCHES	34.7	37/33	33.5	36/32	35.0	43/32	45.0	57/39	58.5	64/52	66.3	69/63	69.7	73/66	71.3	74/68	65.1	73/57	57.5	62/49	45.5	50/39	37.9	41/34	51.7	74/32

Erie Co Field Rsch Lab - Monthly averagee are obtained by taking the average of max and min values.
Slope of Ground: Flat. Soil Type: Lake Terrace classified as conotton gravelly loam. Ground Cover: Ryegrass and native weeds, mowed several times each season. Instrumentation: Taylor recording thermometer.

- Monthly averagee are obtained by taking the average of eingle daily observations at 8 a.m. Slope of Ground: Gentle slope to the west. Soil Type: Duffield clay loam. Ground Cover: Permanent bluegrass sod which is kept clipped to a bsight of 2 inches. Instrumentation: Weston Electric Soil Thermometer. Landieville 2 NW

- Wontbly averagee are obtained by taking the average of max and min values.

Slope of Ground: Gentle slope to the coutheast. Soil Type: Hagerstown cilt loam. Ground Cover: Kentucky bluegrass kept clipped to a height of between 1 1/2 and 3 inches. Instrumentation: Copper-Constantan Thermocouple on recording Potentiomster. State College 2

#### CHANGES IN STATION NAMES

FORMER NAME	
CONNEAUTVILLE 6 E	
RIDGWAY 3 W	
SCANDIA 2 E	
TOWER CITY 1 S	
WAYNESBURG 2 W	

RELOCATION AND CHANGES OF EQUIPMENT

Recording rain gags moved 300 feet E and Temperature and Evaporation equipment installed guipment and Evaporation equipment of 60 feet E and Temperature and Evaporation equipment moved 500 feet %9% Standard 8" rain gage moved to present location Temperature equipment added

Equipment moved 4.6 miles NNE Equipment moved 0.3 mile NE Equipment moved 0.1 mile NW Evaporation equipment installed Equipment moved 0.1 mils SW

Equipment moved 0.7 mile NE Equipment moved 1.5 milee E5E Equipment moved 0.1 mile W Equipment moved 0.6 mile W Equipment moved 50 feet ENE Equipment moved 100 feet Equipment moved 2.2 miles NE Equipment moved 0.2 miles E Equipment moved 3.0 miles E Equipment moved 200 feet S

WEST GROVE 1 8E WILLIAMSBURG Tempsrature equipment addsd and equipment moved 0.4 mile S Equipment moved 0.3 mile SE

NEW NAME

EDINBORO 6 SW RIDGWAY SCANDIA 1 E TOWER CITY 2 E WAYNESBURG 1 E

BEAR CREEK DAM 8 ETHLEHEM CLARENCE CLERMONT 4 NW CLERMONT 4 NW

EDINBORO 6 SW DOYLESTOWN GREENVILLE KANE 1 NNE MC CONNELSBURG

MEYERSDALE BIDGWAY RUSSELL SCANDIA 1 E SHEFFIELD 5 W

SLIPPERY ROCK
TOWER CITY 2 E
TOWER CITY 2 E
WAYNESBURG 1 E
WEBSTER MILLS 3 SW

DATE - 1962

September 19 April 4 June 28 July April 30

September 19
September 1961
July 20, 1956
September 7
November 2

March 14 March 4 May 12 June 28 June 26

July 13 November 1, 1961 June 13 April 30 August 17

									21	lΑ	11	OIA	INDEX										PENNS	1962
Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	re	Precip.	or o	Wonth Honor	R	efer to oles	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	d	Month or clo during	sed yyr.	Refer to tables
ACHETONIA LOCK 3 ALLENS MILLS ALLENTOWN WB AP ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE APOLLO 2 W ARRENTOWN STATE ARRENT STATE BARESTOWN 3 WNW BARESTOWN 3 WNW BARES	0022 0099 0106 0111 0134 0204 0229 0313 0355	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR WESTMORELANO ADAMS TIOGA ALLEGHENY WARREN	1 1 9 6 7 15 15	40 32 41 12 40 39 40 36 40 30 40 35 39 55 42 00 40 39	79 49 78 55 75 26 75 28 78 29 79 36 77 18 77 32 79 59 79 02	748 1600 376 254 1500 1060 710 1590 1230 1310	24 41 67 40	58 22 51 78 40 26 15 22			1 2 1 2 1 2	3 3 C 3	JACKSON SUMMIT JANESTOMN 2 NW JERSEY SHORE #JOHNSTOWN JOHNSTOWN 2 KANE I NNE KARTHAUS KEGG KETTLE CREEK OAM KITTANHING LOCK 7	4363 4385 4390 4432 4450 4481 4545	CRAWFORD LYCOMING CAMBRIA CAMBRIA MC KEAN CLEARFIELD BEDFORD	2 16 4 1 16 6 16	41 57 41 30 41 12 40 20 40 19 41 41 41 07 39 59 41 22 40 49	77 01 80 28 77 15 78 55 78 55 78 48 78 07 78 43 77 56 79 32	1690 1050 541 1214 1275 1750 950 1280 930 790	69 B	7 0		,	C 2 34C 2 1 2 3 C 1 2 34C 2 1 2 3 C 2
BEAR CREEK OAM BEAR GAP BEAVER FALLS BEAVERTONN BELLEFONTE 4. S BERNE BERNE BERNE BERNICK BETHLEHEM #BETHLEHEM LEMIGH UNIV	0455 0457 0475 0482 0488 0530 0599 0611	LUZERNE NORTHUMBLAND BEAVER	15 2 15 14 16 14 15 9	41 07 40 50 40 46 40 45 40 22 40 51 40 31 41 04 40 37 40 36	75 44 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23 75 23	1505 900 760 640 400 1110 325 570 240 450	34 17 61	4 17 54 16 6 46 6 17	4		2 2 2 2 1 2 1 2 1 2 2 2		KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE HEARASTER 2 NE PLUT PL LANDISVILLE 2 NW LAURELION STATE VILLAGE LAWRENCEVILLE 2 S LEBANON 4 MWN LEBANON 3 SW	4727 4733 4758 4763 4778 4853 4873 4896	LEBANON LEBANON	15 15 15 15 15 15 15 15	40 54 41 13 41 27 40 03 40 03 40 07 40 54 41 59 40 21 40 19	76 28	880 1000 590 490	61 7 17 1 65 6 74 7	7 12			2 2 2 1 2 3 1 2 34C C 1 2 3 1 2 3
BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS BLOSERVILLE 1 N BOSWELL 1 SW BRADDOCK LOCK 2 BRADFORD FAA AIRPORT BRADFORD FAA AIRPORT BRADFORD A W RES BREEZEWOOD	0736 0743 0763 0821 0861 0865 0867	SOMERSET ALLEGHENY MC KEAN	4 9 15 1 10 1 1 1 1 6	41 57	77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44 78 14	1680		26 50 3 28 5 15 36 21			1 2	C 3 C 3	LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTONN LOCK HAVEN LOCK MAVEN 2 LONG PONO 2 W LYNCH MADERA MAHAFFEY	4972 4984 4992 5104 5109 5160 5275 5336 5342	CARBON BRADFORD MC KEAN MIFFLIN CLINTON CLINTON MONROE FOREST CLEARFIELD	1 6 16 16 1 1 16 16	40 50 41 41 41 50 40 35 41 08 41 03 41 36 40 50 40 53	75 30 79 03 78 26 78 44	1740 480 680 630 1860 1295 1460 1280	24 71 71 7	5 5 4 1 6 5 - 3			2 C 2 C 1 2 3 C 1 2 3 C 2 2 1 2 3 C
BRUCETON 1 5 BUCKSTOWN 1 SE BUFFALO MILLS BURGETTSTOWN 2 W BURNT CABINS 2 NE BUTLER BUTLER SUBSTATION CAMP KLINE CANTON 1 NW CARLISLE	1073 1087 1105 1115 1136 1135 1203 1215 1236	BRAOFORD	4 6 11 6 2 16 15	40 18 40 04 39 57 40 23 40 05 40 52 40 51 41 19 41 40 40 13	79 59 78 50 78 39 80 26 77 52 79 54 79 53 77 17 76 52 77 12	590 1520 465	21 39 19 94	27 38 15 21 49 5 23 74			1	2 3 2 3	MADLE GLEN MADLETON OEPOT MARCUS MOOK MARIENVILLE 1 SW MARION CENTER 2 SE MARINSBURG FAA AP MATAMORASA MC CONNELLSBURG MC KEESPORT MEADOW RUN PONDS	5381 5390 5400 5400 5450 5450 5520 5570 5600	MONTGOMERY HUNTINGOON DELAWARE ) FOREST INDIANA BLAIR PIKE FULTON ALLEGHENY LUZERNE 6 CRAWFORO	6 5 1 1 6 5 1 2 1 0 1 5	40 11 40 24 39 49 41 27 40 45 40 18 41 22 39 56 40 21 41 13	75 25 79 09 79 02 78 19 74 42 78 00 79 52 75 40	1700 1610 1461 439 720 199	36 3	6			2 3 C 1 2 3 C 2 2 2 C C 1 2 3 C
CARROLLTOWN 2 SSE CARTER CAMP 2 W CEDAR RUN CHAODS FORO CHAMBERSBURG 1 ESE CHAMBERSBURG 1 ESE CHAMBERSUL LOCK 4 CLARENCE CLARION 3 SW CLANSSVILLE	1343 1357 137 137 1481 1481	CAMBRIA POTTER LYCOMING DELAWARE FRANKLIN WASHINGTON WESTMORELANO CENTRE CLARION LEHIGH	12 10 10 10	40 35 41 37 41 31 39 52 39 56 40 08 40 09 41 03 41 12 40 37	78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26 75 39	170 640 1040 749 1410	62	19 24 44 17 66 77 13 55 17			1	2 2 2 3 C 2 2 2 2 3 C	MEADVILLE 1 S MEDIX RUN MERCER 2 NNE MERCER HIWAY SMED MERCERSBURG MERWINSBURG MEYRINSBURG MEYERSOALE 1 W MILAN 2 N MILANVILLE MILLERSBURG 2 E	562 565 565 566 567 568 573 573	7 ELK 1 MERCER 4 MERCER 2 FRANKLIN	16 2 2 12 9 17 15 5	41 17 41 15 41 14 39 49 40 58 39 45 41 56 41 40 40 32	78 24 80 13 80 15 77 54 75 28 79 02 76 31 75 04 76 56	110 116 125 61 98 196 77 76 56	3 3 3	1	NOV		2 C 1 2 3 C 2 C 2 C 2
CLAYSVILLE 3 W CLEARFIELD CLERNONT CLERNONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 SW CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 1 NU CONFLUENCE 2 E	152 153 158 170 171 172 172	Q CLEARFIELD MC KEAN MC KEAN CHESTER SOMERSET CRAYETTE CRAYEORO FAYETTE FAYETTE	1	40 07 41 01 41 41 41 44 5 39 58 7 39 48 7 39 50 8 41 45 7 40 01 7 40 01	80 28 78 26 78 30 78 32 75 50 79 22 79 22 79 33	1620 342 1490 1331 1000 870	2 75 17 8	60 54 11 2 75 17 88 8	-		1 1 1	2 3 2 C 2 3 2 3 C 2 34C 2 3 C 2 3 C	MILLHEIM MILLVILLE 2 SW MILROY MONTGOBERY LOCK AND OAM MONTROSE MORGANTOWN MI GRETNA Z SE MOUNT UNION I N MURRYSYLLE MYERSTOWN	581 582 590 591 595 602 606 611 612	7 COLUMBIA 5 MIFFLIN 2 BEAVER 5 SUSOUEHANNA 6 BERKS 8 LANCASTER	15 6 11 15 15 15 15 15 15 15 15 15 15 15 15	40 33 41 06 40 43 1 40 35 41 50 5 40 05 40 14 5 40 24 40 24	76 37 77 31 80 21 75 51 76 21 77 5 77 5 79 4 76 1	86 577 369 2156 59 667 382 90 848	0 3 1 2 25 0 57 5 12 0 12 0 0 0 0 0	13 20 26 57 12 12			1 2 3 C 2 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C C C
CONSHOMOCKEN CONSBURG CORADPOLIS NEVILLE IS CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE OANVILLE	177 179 180 180 183 188	7 MONTGOMERY 9 CLARION 3 ALLEGHENY 0 ERIE 6 POTTER 9 POTTER 3 TIOGA 1 INDIANA 5 CAMBRIA 3 MONTOUR		5 40 04 41 20 40 30 1 41 55 1 41 49 6 41 46 5 41 44 1 40 41 40 27 40 58	77 0 79 1 78 3	720 9 1440 3 2020 3 2420 7 1740 2 103	47 7	39 8 54 47 7 16 6 22 25 22			1	2 2 2 3 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2	NATRONA LOCK 4 NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN	617 619 623 624 628 629 631 632	HUNTINGOON BUCKS LAWRENCE FAYETTE YORK PERRY WESTMORELANG LEHIGH MONTGOMERY	10	6 40 40 5 40 00 2 41 00 40 00 5 39 40 6 40 2 6 40 1 4 40 4 4 0 0	77 5 74 5 80 2 79 5 76 3 77 0 77 0 79 3 75 4 77 75 2	5 90 7 6 2 82 4 80 0 78 8 40 5 5	0 30 5 79 5 49 0 15 0 11	37 76 41 38 32 24 24 15			2 1 2 3 C 1 2 3 2 1 2 3 1 2 3 2 1 2 3
DEVAULT 1 W OINGMANS FERRY OONEGAL OONGRA OOYLESTOWN ORIFTWOOO OU BOIS FAA AIRPORT DU BOIS 7 E OUNLO	216 217 218 219 222 224 226 226	6 CHESTER 9 PIKE 1 WYOMING 3 WESTMORELAND 0 WASHINGTON 1 BUCKS 5 CAMERON 0 JEFFERSON 5 CLEARFIELO 6 CAMBRIA	1 1 1 1	4 40 05 5 41 13 5 41 32 7 40 07 0 40 10 5 40 18 6 41 20 1 41 11 6 41 06 4 40 17	75 5 79 2 79 5 75 0 78 0 78 5 78 3	2 43 7 75 3 174 2 90 8 39 8 88 4 18 8 167	0 14 6 19 0 36 0 1	14 19 36 72	J	ULY	1	2 3 C 2 3 2 3 2 3	NORTH EAST 2 SE NORTH PHILADELPHIA APT ORWELL 2 NW PALM PALMERTON PARKER PARKER 1 E PAUPACK 2 WNW PHIL OREXEL INST OF TE PHILADELPHIA W8 AP	641 668 668 673 673 674 686 681	CARBON ARMSTRONG CLARION PHILADELPHIA PHILADELPHIA	I	8 42 I 5 40 0 5 41 5 4 40 2 9 40 4 1 41 0 1 41 0 5 41 2 4 39 5 5 39 5	5 75 0 5 76 1 6 75 3 8 75 3 5 79 4 6 79 4 75 1 75 1	1 10 8 134 12 38 17 41 11 11 10 110 4 130	00 05 05 05 00 00 00 00 7 21	13 2 21 46 12 46 21 38	NAL		2 2 1 2 3 0 2 1 2 3 0 1 2 3 0
OUSMORE 2 SSW EAGLES MERE EAST BRADY EACHSBURG EOINGORG 6 SW EMPORIUM 1 N ENGLISM CENTER EPHRATA EQUINUNC 2	236 246 251 263 264 266	5 SULLIVAN 3 SULLIVAN 3 CLARION 6 CAMBRIA 4 ERIE CRAWFORO 5 CAMERON 44 LYCOMING 62 LANCASTER WAYNE	1	6 41 29 6 41 24 1 40 59 4 40 29 1 41 52 41 50 6 41 32 6 41 26 5 40 11 5 41 51	76 3 79 3 78 4 80 0 80 1 78 1	5 202 7 82 3 209 8 122 4 114 4 156 7 88 0 46	0 20 0 14 0 45 0 0 3 0 3 5 60	14 45 21 3 23		ст	1 1 1	2 C 2 3 C 2 3 2 3 2 3 2 2 3 C 2 3 C 2 3 C 2 3 C	#PHILADELPHIA PT BREEZE PHILIPSBURG FAA AP PHOCNIXVILLE 1 E PIKES CREEK PITTSBURGH MB AP 2 #PITTSBURGH MB CITY PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNXSUTAWNEY	69: 69: 69: 70: 71: 71: 72:	99 PHILAOELPHIA 6 CENTRE 27 CHESTER 39 LUZERNE 93 ALLEGHENY 97 ALLEGHENY 29 WAYNE 16 SCHUYLKILL 17 JEFFERSON	1 1 1 1 1 1	5 41 4 4 40 3 4 40 4 1 40 5	4 78 0 7 75 3 8 76 0 0 80 1 7 80 0 4 75 3 5 76 0 2 76 1 7 79 0	15 19 10 10 10 13 13 11 10 7 127 18 12 4 11 6 10 13	18 20 05 51 20 51 11 49 92 00 12 50 24 90	20 53 25 11 92 41 24 19			1 2 3 6 1 2 3 6
ERIE CO FIELO RSCH LAE ERIE WB AIRPORT EVERETT I SW FARRLIL SHARON FRANKLIN W S OAM FREELANO GALETON GEIGERTONN GEORGE SCHOOL	29: 30: 30: 31: 31:	PARTIE DE COMPANY DE C	11	8 42 13 8 42 05 6 40 00 1 14 14 1 40 43 1 41 23 1 41 23 1 41 44 1 40 13 5 40 13	80 1 78 2 80 3 79 3 79 4 75 5 77 3	2 73 3 102 60 85 90 95 14 190	12 18 10 42 15 50 10 19 17 68 10 68	42 51 19 89 48	17		1 1 1 1	G 2 3 C 2 3 C	PUTNEYVILLE 2 SE OAM OUAKERTOWN 1 E RAYMONO #READING WB CITY RENOVO RENOVO 5 S REW RICES LANDING L 6 RIGGWAY ROCHESTER 1 N	72 73 73 74 74 74 74 74 75	29 ARMSTRONG 30 BUCKS 10 POTTER 18 BERKS 09 CLINTON 10 CLINTON 25 MC KEAN 43 GREENE 77 ELK 40 BEAVER	1	1 40 5 5 40 2 3 41 5 4 40 2 6 41 2 16 41 1 1 41 5 10 39 5 1 41 2 2 40 6	6 75 2 77 2 75 0 75 0 77 4 77 4 78 6 7 80 5 78 3 80	20 4 52 22 58 2 45 6 46 20 32 22 00 7 45 13 18 9	90 76 20 66 65 60 2 35 50 75 60 47	19 78 9 93 65 15 28 56			1 2 3 1
# GETTYSBURG GETTYSBURG 1 S GLENOE GLEN HAZEL 2 NE DAM GLENWHOORE GLENWILLARO OASH OAM GOULOSBORO GRATERFORO GRATERFORO 1 E	32 32 33 33 33 33	18 AOAMS 23 AOAMS 98 SOMERSET 11 ELK 21 CHESTER 30 YORK 43 ALLEGHENY 94 WAYNE 35 MONTGOMERY 37 MONTGOMERY		12 39 50 12 39 48 12 39 48 1 41 34 1 5 39 48 11 40 3 9 41 19 14 40 14	77 1 78 7 78 7 76 7 80 1 5 75 2	51 162 1736 173 1744 63 13 74 13 74 127 18	20 25 40 20 20	11 6 18 47 47 2 2				2 3 C C 2 C 2 C 2 2 2 2 3	RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 W SAXTON SCANOIA 1 E SCHENLEY LOCK 5 #SCRANTON SCRANTON WB AIRPORT	77 77 77 77 76 76 76 78	27 SUSQUEMANNA 29 WARREN 32 LANCASTER 39 INDIANA 22 WESTMORELAN 466 BEOFORO 55 WARREN 63 ARMSTRONG 102 LACKAWANNA 105 LUZERNE	D	15 41 41 15 39 1 40 40 1 41 1 40 15 41 15 41	79 55 76 66 79 31 79 12 78 55 79 71 79 25 75 75	08 12 23 2 14 13 33 11 15 7 01 20 40 40 44 9	7D 20 09 10 80 40 83 46 62 40 15	3 22 10 22 84 62 15			2 1 2 3 2 1 2 3 1 2 3
GREENSBORD LOCK 7 GREENSBURG 2 E GREENVILLE HANDVER HARRISBURG WB AP HARRISBURG NORTH HANLEY HANLEY HOLLIDAYSBURG HOLLIDAYSBURG HOLLIDAYSBURG	35 36 36 37 37	GREENE 15 WESTMORELAN 26 MERCER 62 YORK 99 YORK 04 DAUPHIN 58 WAYNE 61 WAYNE 01 BLAIR 00 WAYNE	10	10 39 4 10 40 1 2 41 2 15 39 4 15 40 1 15 40 1 5 41 2 6 40 2 5 41 2	7 79 8 79 4 80 3 76 8 76 8 76 9 75 8 75	55 8 31 12 23 9 59 6 51 3 54 3 10 8	08 25 80 60 35 7 23 80 30 20 60	81 63 9 59 4 74 45	24		1	2 3 C	SELLERSVILLE 2 NW SHADCE GAP 2 NE SHAMORIN SHEFFIELD 5 W SHIPPENSBURG SINNEMAHONING SIZERVILLE SLIPPERY ROCK SMETHORY HIGHWAY SHEL SOMERSET FAIRVIEW ST	79 79 80 80 81 81	BUCKS HUNTINGOON TO NORTHUMBLAN LOS WARREN TO SAMERON LOS CAMERON	Ì	5 40 6 40 15 40 1 41 15 40 16 41 16 41 2 41 1 41 17 40	12 77 48 76 42 79 03 77 19 78 36 78 04 80 78 01 79	52 33 08 19 32 05 11 12 03 11 27 11 05 27	790 130 145 -	58 34 12 6 -			2 1 2 3 2 2 1 2 3
MOLLISTENTILE  MOLTWOOD  HOME HONESOALE 4 NM HONESOALE 6 NNM HONESOALE 6 NNM HONESOALE 7 NM HONESOALE 6 NNM HONTSOALE HYNOMAN INGIANA 3 SE	40	19 LANCASTER 127 INOIANA 43 WAYNE 444 WAYNE 447 CHESTER 66 SUSOUEHANNA 59 HUNTINGOON 66 CUMBERLANO 90 BEOFORO 114 INOIANA	Δ.	15 39 5 1 40 4 5 41 3 5 40 0 15 41 4 6 40 2 15 40 0 12 39 4 4 40 3	0 76 5 79 7 75 9 75 6 75 3 75 9 78 6 77 9 78	20 1 06 12 19 14 17 10 56 7 43 9 01 6 18 6 44 9	87 4 20 10 50 00 40 7	3 48 17 5				2 3 C 2 2 2 3 2 2 3 C 2 3 C 2 3 C	SOUTH CANAAN 1 NE SOUTH MOUNTAIN SPRING GROVE #STATE COLLEGE STATE COLLEGE 2 STILLWATER OAM STRAUSSTOWN STRAUSSTOWN STROUDSTOWN STROUDSTOWN STROUDSBURG	8: 8: 8: 8: 8:	WAYNE FRANKLIN YORK 49 CENTRE 452 CENTRE 552 SUSQUEHANN/ 560 SOMERSET 570 BERKS 1101ANA MONROE		5 41 12 39 15 39 16 40 16 40 15 41 4 40 14 40 5 40	51 77 52 76 48 77 48 77 41 75 06 78 29 76 33 78	30 1: 52 52 1: 52 1: 52 1: 57 1: 11 55 1:	000 020 070 175 180 0545 900 2 900 880 480 45	23 22 78 2 17			2 2 1 2 3 1 2 3 2 3

#### STATION INDEX

Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation			or c	Month closed	Refer to tables	Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Temp.	ci.	Of C	Month closed based	Refer to tables
STUMP CREEN SUNDURT SUSSUCHARNA TANADON A DAM TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE MATER WORKS TORPHOO & W	8668 8692 8758 8763 8873 8885 8888 8893	JEFFERSON NORTHUMBLAND SUSOUEHANNA SCHUYLKILL SCHUYLKILL FOREST CRAWFORD CRAWFORD MONROE WARREN	15 15 14 14 1 1 1 5	41 01 40 52 41 57 40 48 40 51 41 29 41 38 41 38 41 11 41 47	75 58 75 59 79 26 79 40 79 42 75 25	1 32 0 48 0 1 02 0 8 3 0 1 1 2 0 1 2 0 0 1 2 2 0 1 9 5 0 1 7 3 5	72 19 9	22 72 28 21 30 6			1 2 3 C 2 2 C 1 2 3 C 1 2 3 C 1 2 3 C	WILLES-BARRE WILLIAMSOURG WILLIAMSOURG WILLIAMSOURG WIND GAP WOLFSBURG YORK 3 SSW PUMP STA YORK 2 5 FILTER PLANT YORK HAVEN YOUNGSVILLE ZION GROVE	9714 9728 9781 9823 9938 9938 9950 9966	LAZERNE BLAIR LYCOMING NORTHAMPION BEDFORD YORK YORK YORK WARREN SCHUYLKILL	6 16 5 6 15 15	41 15 40 28 41 15 40 51 40 03 39 55 39 56 40 07 41 51 40 54	76 45 76 44 76 43 79 19	860 527 765 1190 390 640 310 1225		77 22 13 75 42			2 2 1 2 5 C 2 1 2 3 2 C 2
TOWANDA 1 ESE TOWER CITY 2 E TROY TUNNELTON TUNTLEPOINT 4 NE TYRONE 4 NE BALD EAGLE UNILONTOWN VANOERGRIFT TRISHYLLE	8912 8959 8989 9002 9024 9042 9050 9128	BRAOFORD SCMUYLKILL BRADFORD INDIANA MC KEAN BLAIR ERIE FAYETTE WESTMORELAND BERKS	15 15 4 1 6 1 10 7	41 45 40 35 41 47 40 27 41 54 40 43 41 55 39 54 40 36 40 31	76 31 76 47 79 23 78 16 78 12 79 48 79 44 79 33	745 835 1100 890 1640 1020 1400 1040 800 350	68	68 1 12 12 25 13 74 23 17			1 2 3 C 1 2 3 C 2 C 2 C 2 C 1 2 3	210NSVILLE 3 SE STATIONS CLOSED 1962 BROOKVILLE FAA AIRPORT	1002	JEFFERSON	1	41 09	79 06 76 55	1417	49	70 16		JULY	2
WARREN WASHINGTON WATSONTOWN WATNESSURG 1 E WEBSTER HILLS 3 SM WELLSBORG 3 S WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESBURG	9298 9312 9345 9367 9380 9408 9464 9503 9507	WARREN WASHINGTON NORTHUMBLAND GREENE FULTON TIOGA CHESTER FOREST ARMSTRONG	1 11 16 10 12 16 5	41 51 40 11 41 05 39 54 39 49 41 43 39 58 39 48 41 34 40 45	79 08 80 14 76 52 80 10 78 05 77 16 75 36 75 48 79 25	1280 1200 490 940 920 1920 440 450 1090	33	74 15 35 13 112 33 11 22	APR		1 2 3 C 2 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 2 2 2	CAMP HILL CONNEAUTVILLE 6 E CUSTER CITY 2 W GFFORD KREGAR 4 SE LAFATEITE MC KEAN PARK MEYERSOALE NUHLENBURG 1 SE TAMARACK 2 S FIRE TWR MYNESBURG 2 W	1721 1978 3237 4667 4706 5684 6090 8770	CUMBERLAND CRAWFORD MC KEAN MC KEAN MC KEAN MC KEAN MC KEAN MC KEAN C KEAN LUZERNE CLINTON GREENE	1 1 17 1 17 15 16	41 24	80 15 78 4 78 36 79 14 78 46	1110 2120 2220 2530 2130		5 12 12 18 12 22 7 20 34	11	SEP MAY OCT AUG APR NOV NAC AUG	2 2 2 2 2 2 2 2 2 2 2 2 3

1 -ALLSGRENY: 2-BEAVER; 3-CONEMUNG, 4-CONEMAUCH; 5-DELAWARE; 6-JUNIATA: 7-KISKIMINETAS; 8-LAKE ERIE; 9-LEIGH; 10-MONONGAHELA; 11-OHIO; 12-POTOMAG; 13-ST. LAWRENCE; 14-SCHUYLKILL; 15-SUSQUEHANNA; 16-WEST BRANCH; 17-YOUGHIGGRENY

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumherland, Pennsylvania or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in 'F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Normals for all stations are climatological normals hased on the period 1931 - 1960.

Climatological divisions, outlined on the maps in this hulletin became effective with data for September 1956

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.

  Also on earlier date (dates) or months.

  Anount included in following measurement.

   shelter located on a shelter located on the recorded in a shelter located on the roof of a building.

  Adjusted to a full month.

  Date for recorder station denoted by "C" in the "Refer to tables" column only obtains asy be found in the annual issue of "Hourly Precipitation Data".

  For recorder station denoted by "C" in the "Refer to tables" in the same of "Hourly Precipitation Data".

  In the "Refer to tables" column of the Station Index the letter "G" indicates that soil temperatures are published.

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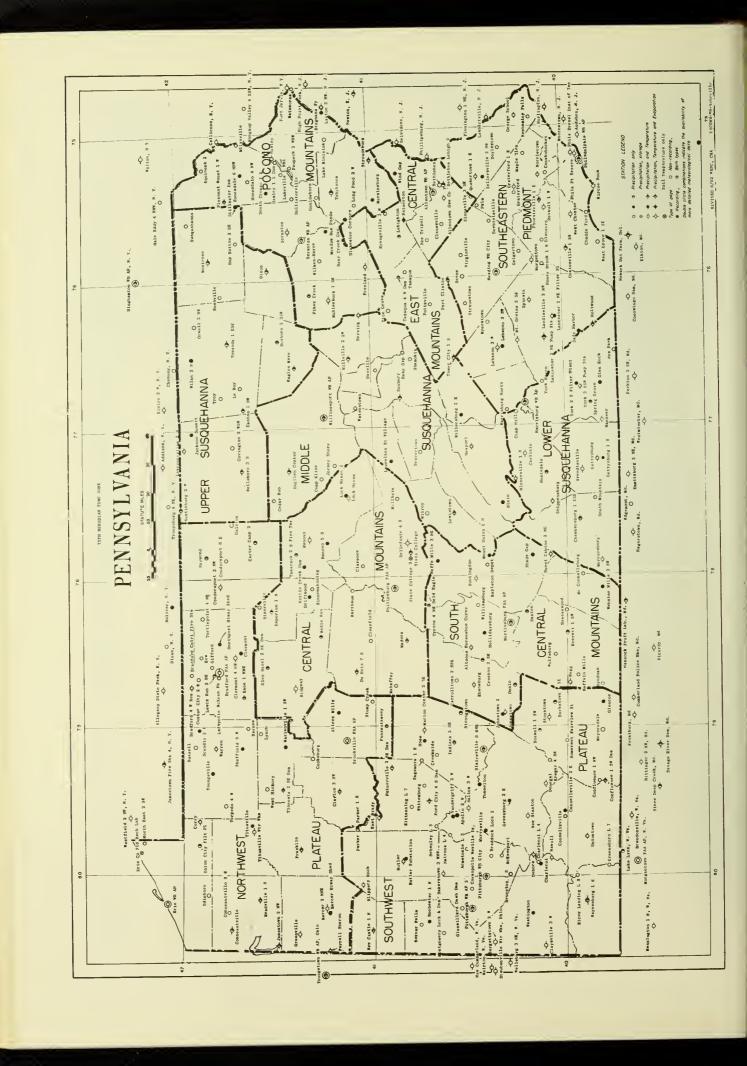
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Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents. Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---10-15-63---1100



### U. S. DEPARTMENT OF COMMERCE

05

LUTHER H. HODGES, Secretary

#### WEATHER BUREAU

F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

JANUARY 1963 Volume 68 No. 1



#### PENNSYLVANIA - JANUARY 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 62° on the 12+ at Johnstown

Lowest Temperature: -30° on the 29th at Titusville Water Works

Greatest Total Precipitation: 4.00 inches at Johnstown

Least Total Precipitation: 0.31 inch at Kegg

Greatest One-Day Precipitation: 1.13 inches on the 27th at Bakerstown 3 WNW

Greatest Reported Total Snowfall: 28.0 inches at Rew

Greatest Reported Depth of Snow on Ground: 28 inches on the 31st at Rew

#### SPECIAL WEATHER SUMMARY

In keeping with the trend throughout much of the United States and around the world, January weather in Pennsylvania was severely cold with frequent periods of precipitation, mostly in the form of snow.

With the exception of only a few days during the first half of January, biting cold and strong winds kept Pennsylvania in a deep freeze much of the time. On a monthly basis temperature averaged 4° to 10° below normal. Daily records tumbled on a number of days throughout the State as intense arctic cold held temperatures at well below normal levels 75 percent of the time.

Until about the middle of the month, weather conditions were what might be termed 'near normal', but the latter half was decidedly more severe. Frequent frigid blasts interspersed with a few snowstorms provided some of the most rigorous weather in a number of years, especially during the last 10 days when temperatures remained well below normal, sometimes by as much as 20° to 30°. The coldest day occurred on the 24th at most places as minimum readings dropped below zero. Records tumbled at a number of stations. Pittsburgh's low of -18° not only broke the previous record of -11° for the date, set in 1882 and equalled in 1883 and 1936, but also established a new low record for the month of January. It was also the

second lowest temperature ever recorded at Pittsburgh. Even lower readings were observed at a number of places in the northwestern mountains but the lowest minima in Pennsylvania occurred on the 29th when extremes dipped to -28° at Clermont and to -30° at Titusville. Eastern Pennsylvania fared somewhat better as most minimum readings remained in the 0° to -15° range. Some moderation was noted, however, by the close of the month.

Storms of the 23d, 26th, and 27th produced the bulk of the snow. Amounts were not excessive, but the 30 to 40 m.p.h. winds that accompanied and followed the storms created near blizzard conditions for a time. Many schools were closed for several days due to drifted roads. The ground remained snow covered from the 23d through the end of the month.

Due to the persistent cold weather most rivers and stream. remained ice-covered through the month with thicknesses ranging from 6 inches to 2 feet.

Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg-York State Airport New Cumberland, Pennsylvania

#### 1962 ANNUAL

The 1962 Annual issue of this bulletin for this section will be published a few months later than usual this year.

# CLIMATOLOGICAL DATA

NI V/M

				Ten	nporol	ure					No. of	D		-		-		rroci	pitation	w Slent			lo of	
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อเขาเก	Average	Average	Average	Departure From Normol	Highest	Date	Lowest	Date	Degree Days		32° or Below		-	Total	Departure	From No.	Greatest D	Date	Total	Max Depth on Graund	Date	10 ar Man	.50 or Mor	
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FORD 4 W RES 1DN 3 SW MONT 4 NW EAUTVILLE Y ERSPORT 3 NW DIS FAA AIRPDRT	28.1 30.9 29.4 26.3 27.7 26.9 27.7	7.1 9.4 9.1 7.7 9.3 7.2 11.1	17.6 20.2 19.3 17.0 18.5 17.1	- 7.5	45 49 47	10 10	-23 -24 -28 -18 -19 -22 -20	24 24 29 24	1462 1385 1414 1479 1433 1478 1406	0 0 0 0 0 0	18 21 21 22 20	31 31 31 30	9	1.66 1.39 1.85 1.60 2.03 1.28 1.87	-	1.36	•39 •37 •33 •27 •49 •33 •35	27 27 27 11 12	17.0 12.9 15.7 15.2 23.4 14.5	16 12 25 20 19 16 15	28+ 3+ 28 28+ 6+ 2+	5 8 9 5 4 7	0	
BRADY WB AIRPORT ILL SHARDN LLIN VILLE STOWN 2 NW 1 NNE	32.3 26.5 31.5 30.4M 29.3 26.5 26.5 26.4	10.7 13.1 16.5 10.3 9.7 6.5 5.5 7.2	21.5 19.8 24.0 20.4M 19.5 16.5 16.0 16.8	- 7.5 - 6.0 - 7.5 - 8.9	50 49 43 49 46	10	-27 -15 -10 -23 -17 -19 -24 -18	24 29 29 24 24 24	1342 1394 1259 1389 1402 1497 1510 1489	0 0 0 0 0 0 0	21 17		5 4 2 6 9 13 9	2.08 1.51 .88 1.64 1.37 1.33 1.67	-	1.16 1.95 1.42 1.71 1.43	•40 •30 •32 •59 •40 •28 •29 •35	11 27 27 23 27 27+	18.7 7.4 14.2 13.0 13.0		30+ 27 2+	6 3 5 6 5	0 0 0 0 0 0	
VILLE 1 S ER 2 NNE ESTA 2 SE DAM SVILLE WATER WDRKS EN	31.2M 27.4 25.7 30.2	10.1 6.8 3.9 11.8	20.7M 17.1 14.8 21.0	- 6.6	48 48 44 46	10 11 10	-23 -24 -30 -17	29 29 29	1361 1480 1552 1355	0	17 20	29 31 31	8 10 13	D 1.60 1.56 1.65 1.42	-	1.44	•45 •35 •44 •39	31 27 11	11.0 14.0 20.0 14.6	13 19	31 31+ 31+ 28	7		
DND MOUNTAINS			18.7	- 8.3										1.56	-	1.48			15.2					
CREEK DAM LAND EY SANT MDUNT 1 W INTON WB AIRPORT UDSBURG HANNA	28.1 30.0 31.9 27.2 31.4 30.7 31.5 30.5	7.2 12.5 6.4 5.8 13.5 15.6 11.2	17.7 21.3 19.2 16.5 22.5 23.2 21.4 20.4	- 4.1 - 5.9 - 3.5 - 6.6	58 48 54 48 48	11 10 11 11 11 10 10	-22 - 9 -20 -12 - 5 - 7 -18 -20	23 29 30+ 29 29	1463 1345 1416 1496 1315 1289 1347 1375	0 0 0 0	20 14 20 14	30 28 31	4 9 12 6 3 5	2.11 D 2.54 2.42 2.39 D 2.79 2.06 2.98 D 2.21	-	.55 .37 .95 .55 .23 .38	.70 .55 .51 D .60	27 24 24 23 27+	13.0 12.5 16.5 12.5 15.2 13.3	13 9 18 8 14	31+ 31+ 31+	6 6	2 3 2 1 3 0 2	8 0
IVISIDN T CENTRAL MDUNTAINS			20.3	- 5.6										2 • 44	-	.49			13.9					
NTOWN WB AP R NTOWN GAS CD LEHEM LEHIGH UNIV ERTON CLINTON	32.5 32.5 28.0 32.8 32.5	15.4 14.5 19.6 15.0 8.5	24.0 23.5 23.8 23.9 20.5	- 5.0 - 6.6 - 7.3 - 5.3 - 9.1	49 40 46	10	- 9 - 2 - 4 -12 -17	30+ 24 29	1266 1280 1268 1264 1371	0		31 30 28	3 4 2 4 6	3.00 2.56 2.56 2.70 2.58	-	.17 .68 .55 .26	•50 •60 •56 •48 •67	27	12.2 7.3 10.0 9.0	8	27 27 27	8 7 8 8 5	1 0	
IVISION			23 • 1	- 6.1										2.68	-	.48			9.6					
THEASTERN PIEDMONT  ESVILLE 1 SW  ULT 1 W  SE SCHODL  ERFORD 1 E  WODD  ASTER 2NE PUMP STA  ISVILLE 2 NW  NOON 4 WNW  ANTOWN  NETNA 2 SE  ISTOWN  DREXEL INST DF TEC  ADDLPHIA WB AP  ADELPHIA WB AP  R  ADELPHIA WB AP  ETOWN 1 E  ING WB CITY  R  CHESTER	34.7 34.8 37.5 34.1 33.0 34.7 35.9 32.3 31.8 36.6 33.9 37.5 35.5 35.5 35.5 35.5	16.0 16.6 17.2 15.7 14.8 18.8 14.5 14.5 14.0 13.8 20.0 11.9 19.4 24.9 19.4 14.6 20.0	25.4 25.7 24.9 23.9 26.4 23.4 23.7 23.9 28.9 27.5 30.4 24.9 27.5	- 5 · 1 - 4 · 9	55 53 49 52 45 46 44 46 52 47 50 48 50 52	10 8 11 11 20+ 20+ 21 11 10 20		25 29+ 29 25 29 25 25+ 25 24 25 29 24 29 29	1219 1210 1159 1236 1178 1189 1284 1225 1268 1119 1110 1159 1064 1177 1234 1147	0 0 0 0 0 0 0 0 0	10 7 10 13 9 8 13 13 9 11 8 9 10 6 12 9	30 29 30 29 31 29 30 30 29 28 27 27 25 30	3	1.76 1.93 2.43 2.18 2.09 1.74 3.06 1.96 2.15 2.05 2.05 1.82 2.41 2.31 2.00 2.47 2.48 2.48 2.48 2.48		1.54 .55 1.16 .89 .17 1.01 1.20 1.37 .90 .57	. 46 .51 .78 .69 1.07 .64 .55 .48 .55 .62 .59 .51	27 27 24 12 24 12 23	6.7 8.0 6.3 4.5 7.0 5.6 5.3 11.0 3 5.6 5.1 6.1 5.6 9.8 6.1	4 6 6 8 9 1 5 4 3 4	26 31 1 24 24 29 5	77 75 45 77 55 88 48 77 77 77	0 2 2 1 1 1 1 1 1 2 2 0 0 0 1 1 1 1 2 2 1 1 1 2 1 1 2 1 1 1 1	
IVISION			26.2	- 6.2										2.14	-	1.07			6 • 4					
ER SUSQUEHANNA  DTSVILLE  ERVILLE 1 N  ISLE  BERSBURG 1 ESE  YSBURG  VER  IISBURG WB AP R  ERSBURG  PENSBURG	33.6 33.2 35.3 35.0 34.1 35.4 33.8 34.6 35.9	15.2 16.2 16.9 16.5 16.3 16.8 15.0 18.6	24.4 24.7 26.1 25.8 25.2 26.1 26.2 24.8 27.3	- 6.3 - 5.5 + 5.8 - 7.5 - 6.7 - 5.6	51 50 51 52 57 47 51	11 10 20+ 11 11 10 21 20	- 6 - 6 - 9 - 9 - 5 - 4 -11	29+ 29 29 29 29	1250 1240 1197 1209 1228 1197 1198 1239 1165	0 0 0 0 0 0	10 11 10 10 11 9 10 11	30 29 29 29 28 29	4 2 2 4 4 2 4	1.97 1.90 1.55 1.97 2.31 2.11 2.19 2.18 2.10		.57	.53 .48 .47 .53 .61 .45	27 12 27 12 12 12 23 12 20	6.5 8.0 6.5 6.5 7.0 6.5 7.0 7.0	8 6 6	27 1 3- 2- 1 27 3-	F 6	2 0 0 2 2 0 2	2
3 SSW PUMP STA	36.7	17.8	27.3	- 6.0	52	10		29	1160			29		2.13	-	.84		27	7.4	9		6		
DLE SUSQUEHANNA ICK ISH CENTER STOWN VILLE 2 SW ORT URY	31.5 32.0M 34.1 29.3 34.5 33.1	12.8 10.4M 14.5 9.8 13.5 12.2	22.2 21.2M 24.3 19.6 24.0 22.7		48 52 49 55	18+ 11 11	-11	30 30+ 30 30+	1321 1348 1256 1402 1264 1305	0 0	11	31 29 31 29	6 4 7 5	1.84 1.69 1.36 1.87 1.69		1.21	•47 •37 •40	23 12 12 27+ 12 24	8.0 10.5	12	31- 4- 29- 31- 31-	F 5	0 0 0 1	0

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ī				Temp	peroti	Jre 					No. of	Days	$\dashv$							w, Sleet		Γ	No. o	of Doys
Stotion				lou					Doys		ox.	Mi	-		lom	Do.		-				More	More	1 0
	Averoge Moximum	Averoge	Average	Deporture From Norm	Highest	Dote	Lowest	Dote	Degree D	90° or Above	32° or Below	32° or Below	0° or Bolow	Totol	Deporture From Normol	Greotest		Dote	Totol	Mox. Depth on Ground	Dote	.10 or M	.50 or M	0
TOWER CITY 2 E WILLIAMSPORT W8 AP	31.0 31.6	11.7	21.4	- 5.6	55 43	11	-16 -12		1346 1288				6	2.02	5		•45 •49	12	7.0 11.9	7		8		0 0
OIVISION			22.3	- 7.1										1.81	!	39			9.3					
UPPER SUSQUEHANNA																								
AUSTINBURG 2 W CANTON 1 NW OIXON EAGLES MERE LAWRENCEVILLE 2 S MONTROSE TOWANDA 1 ESE WELLSBORO 3 S	29.0M 27.0 31.5 24.8 31.6 26.9 32.1 26.0	11.0M 12.6 8.9 9.8 11.9 9.3 12.8 9.6	20.0M 19.8 20.2 17.3 21.8 18.1 22.5 17.8	- 4.3 - 4.9	50 49 52 44 50 50 47 46	11 11 11 10 11 20+	-12 -10 -23 -15 -23 -13 -23 -13	25+ 25 24 29 25 29	1387 1394 1384 1472 1334 1446 1312 1459	00000	22 17 22 17 21 15	30 31 30 31 31 31	6 6 8 6 8 5 9	1.51 1.29 2.04 2.38 1.15 2.49 1.53 1.44		33	.66 .42 .47 .81 .38 .60 .54	27 27 27	9.0 10.1 16.5 17.5 8.9 21.2 15.7 14.5	20	31 31 31 31 28	+	7 5 4 5 4	1 0 0 0 0 0 1 0 0 0 2 0 1 0
DIVISION			19.7	- 5.4																				
CENTRAL MOUNTAINS  BELLEFONTE 4 S DU 8015 7 E EMPORIUM 1 N LOCK HAVEN MADERA PHILIPSBURG FAA AP RENOVO RIOGWAY STATE COLLEGE DIVISION SOUTH CENTRAL MOUNTAINS	31.5 30.4 27.7 30.6 29.0 28.1 31.9 29.9 30.1	12.6 10.0 6.1 12.1 8.0 10.2 9.9 7.5 13.0	22.1 20.2 16.9 21.4 18.5 19.2 20.9 18.7 21.6	- 8.0 - 7.2 - 7.1 - 6.9	47 52 48 47 51 51 45 56	10 11 21 11 10 21 13	-16 -26 -22 -14 -23 -25 -16 -24	29 29 29 29 29 29 29 30	1329 1383 1483 1346 1433 1412 1361 1433	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17 21 21 21 21 21 21 21 21 21 21 21 21 21	29 31 29 30 30 31 30	9 6 8 9 6 10	.78 1.62	- 1. - 1.	19	.44 .24 .53 .53 .42 .35 .49 .27	20 12 27 27 26 27 12	10.00 9.00 13.00 12.00 7.2 7.3 15.3 11.9		27 3 29 3 31 7 31 2 1	+ + + +	7 4 5 3 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW HUNTINGDON JOHNSTOWN KEGG MARTINSBURG FAA AP	33.0 37.2 31.0 33.9 33.0 34.4 38.4	14.5 16.3 13.1 14.3 13.3 15.0 14.9	23.8 26.8 22.1 24.1 23.2 24.7 26.7 24.4h	- 4.7 4.8 6.8 6.1	5 8 5 6 5 6 6 6 6 6 5 6	10 10 11 11 12 12	-16 -16 -18 -13 -16 -14 -13 -16	5 29 8 24 3 29 5 30- 4 24 3 29	127: 117: 132: 126: 129: 124: 114: 125	9 3 3 2 2 4		1 31 8 29 2 30 4 29	1 3 9 5 9 6 9 4 9 4	1.74 1.53 1.25 4.00	- 1	75 44 36	.60 .40 .37 .65	12 7 27 7 27 5 28	9.0 7.0 9.0 8.8 8.8 1.5	0 1 0 7 7 5	7 27 3 2 8 30 6 31 2 27 6	(+ )+ ,+ 1	6 6 8 6 5 11 2 5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SOUTHWEST PLATEAU  BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W  BUTLER CLAYSVILLE 3 W CONFLUENCE 1 SW OAM OONEGAL OONORA FORO CITY 4 S OAM INDIANA 3 SE MARION CENTER 2 SE MONTGOMERY LOCK AND OAM NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM SALINA 3 W SALINA 3 W SALIPAERY ROCK STOYSTOWN UNIONTOWN WAYNESBURG 1 E OIVISION	31.2 29.7 30.5 30.1 35.3 33.8 37.5 31.2 33.3 31.6 32.2 35.8 36.7 2.3 35.2 35.2 35.8 36.7 2.3 30.1 37.9 35.2	12.9 13.6 7.4 8.6 10.7 11.4 16.7 9.9 12.8 9.0 14.9 11.3 16.8 12.4 12.2 17.9 8.6 6 12.3 12.5 11.7 17.8 8.9	22.1 21.7 19.0 19.4 23.0 22.3 22.4 27.1 20.6 23.1 20.3 24.0 21.8 26.3 24.6 21.1 26.6 19.4 22.8 21.7 21.7 21.7 22.8	- 8.1 - 7.2 - 8.2 - 7.8 - 6.7	5556555555555655556666	0 10 2 11 1 11 7 10 5 12 5 10 0 10 1 10 2 10 1 10 0 11 1 0 1 10 1 1	-2 -2 -2 -2 -1 -1 -2 -2 -2 -1 -2 -2 -2 -1 -1 -1 -2 -2 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	0 24 7 29 29 29 29 29 29 29 29 29 29	133 142 140 129 131 116 137 129 137 126 137 126 137 129 124 131 140 130 131 140 131 140 131 140 140 140 140 140 140 140 140 140 14	538660572394420094455633944444	0 1 0 1 0 1 0 1 0 1	8 2 3 3 6 6 3 1 2 2 3 3 2 2 2 2 3 3 2 2 2 7 3 2 2 2 7 7 2 2 2 7 7 8 2 2	88 000 99 000 88 00 99 11 19 99 99 16	7 2.49 7 1.99 7 1.8 7 2.2 6 1.1 7 0 1.99 4 1.5 6 1.5 1.8	9	.82 .19 .36 .01 .47	.65.78 .44.33 .44.44 .33.44 .55.88 .44.33 .43.33	8 11 1 24 2 27 7 12 4 11 0 27 8 27 7 27 7 27 1 27 0 24 0 26 5 11 1 11 1 27 6 11	10. 14. 10. 12. 12. 6. 14. 6.	3 1 6 5 1 7 7 2 7 2 7 2 7 2 7 4	8 3 1 2 2 8 7 7 9 3 8 2 2 4 4 3 3 1 3 9 2 2 8 8 2 8 8 3 6 6 7 3 8 2 2	2+ 1+ 9+ 7 22 11 188+ 33+ 11 17 66 7 1+ 11+ 11+	8 10 6 7 5 7 7 7 8 7 8 7 6 7 6 7 6 7 6 7 6 7 6 7 6	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of Mo	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28 2	9 30	0   0	31
CMETONIA LOCA 3 LLENTOWN WB AP R LLENTOWN GAS CO LTOONA HORSESHOE CURVE RENOTSVILLE	1.45 3.00 2.50 1.45	5	T T	T T	T T			T	7	,		.19 .21	.28 .50 .48 .25	.27 .38 .41 .09	T -14 T		T		т	.30	.09 .30 .32 .24	.06	T	.02 .46	.18 7 .39		.41 T	.29 .34 .60 .35	• 04	° T	0.8	.07 .02 .02 .26
JSTINBURG 2 N AKERSTOWN 3 NNN ARNES EAR CREEK OAM	1.5 2.7 1.5 2.11		T T				т	•11	T •01	T	•09	.48	.28 .13 .21 .56	.04 .11 .31 .39	Т	T • 01	T T				-15	.02 .02	Т	•10 •21 •21	.66 .15 .20 .52		T =04 1 +02		Y •02 •16		09	T • 05 • 06 • 06 • 10
EAVER FALLS EAVERTOWN ECHTELSVILLE ELLEFONTE 4 S ERNE	1.70 1.30 2.45 1.65 2.26	•02		T	T T			T	•04 T	T		. 27 T	•12 •40 •55 •44	.08 .37 .34 .19	T •11	•02	Т		Ŧ		.04 .17 .55 .28	.06	T	•12	.27 .09 .40 .27	T	т	•52 •31 •50 •44 •39	.04	1		.10 T T
ERWICK ETHLEHEM ETHLEHEM LEHIGH UNIV LAIRSVILLE 6 ENE LOSERVILLE 1 N	1.84 2.31 2.56 2.49	8 5 9,	T T	T T	T T T		T	T •07	T .04	т		.12 .21 .21	.40 .48 .15	.33 .32 .22	.95	т	.05			•17 •21	.07 .41 .27	•53 T	т	•44 •23 •23	.40 .13 .10		.12 .56	•15 •63 •50	.50	T .	01	T +12
OSWELL 1 SW RADOOCK LOCK 2 RAOFORO FAA AIRPORT RAOFORD CNTRL FIRE STA	1.5 1.3 1.2 1.4	2 T 5 .01 3 T	T T	т	т	т	т	T •02	T T T •01	T		.16 .18 .11	.34 .16 .12 .25	•21 •21 •15 •23 •22	T • 01 • 01 • 02	.03 .01	T T	T T	т	т	.11	.05 .09 T	T T •06 T	T •03 •30 •27 •39	•13 •20 T •13	т	.13 .03	.3	.11 T.02			.07 .05 T
RADFORD 4 W RES REEZEWOOD RUCETON 1 S UFFALO MILLS URGETISTOWN 2 W	1.6	9 5 9					ı	•01	•01	Т	•10 T	•22 •41 •03 •78	•23 * •42 •15	• •08 •18	•33 T	*01	Т			*	.15	•15	*10	.10 .06	•24 •03 •27		.33	.10 * .25 .2	.41 .03 .02			.05 .05 .07
UTLER ANTON 1 NW ARLISLE ARROLLTOWN 2 SSE	1.8 1.2 1.5	1 9 5 5	Ť	т				т	.01 T	т		.20 .31 .29	.40 .07 .34 .34	.35	•11	•01 T	т	T			.04 .31 .10	.21 T	T T	*10	.05 .24 T .06		T T	• • • • • • • • • • • • • • • • • • •	.80 T			.14 .04 .06
ARTER CAMP 2 W EOAR RUN HADDS FORO HAMBERSBURG 1 ESE HARLERO1 LOCK 4	1.6 1.7 1.7 1.9	9	т	T I	Т		т	т	T	Т		•20	.50 .29 .40 .47	•17 •31 •15 •27 •24		Т	T		.04	.06	.17 .35 .31 .06	.04	ī	T •18 •03	.28 .27 .18		T .35	.22 .45 .13 .60	.08 T		т	.10 .10
LARION 3 SW LAUSSVILLE LAVSVILLE 3 W LEARFIELO	1.4 1.3 2.9 2.2 1.8	9 04	т					.02 T	T •04			.06	.22 .58 .17	.17 .22 .55 .20	.08	•01	.01				.08 .57 .15	.08 .02 T	.01	.06 .04 .01	.16 .29 .41 .12	•02	.39	.37 .72 .31 .45	.04		.03	.14 .14 .07 .08
LERMONT & NW  OATESVILLE 1 SW  ONFLUENCE 1 SW OAM  ONFLUENCE 1 NW  ONNEAUTVILLE	1.8 1.7 1.1 1.3 1.6	6 8 T 1 •01	T T	Т			.02	Ţ	*04 T *01 T	T		•16 •17 •11	.42 .20 .24	.10 .09 .15 .18	• 0 3 • 0 5 T	•02 T	T T T	,	Т	T T	.20 .27 .11 .14 .17	.07 .04 .02 .02	T T .02	T T .25	.21 .06 .0	.05	T	.5 T .32 .36 .2 T	.06 .01 .15		T T	T .06 .07 .10 .11
ONNELLSVILLE  ONSHOHOCKEN  OOKSBURG  ORAOPOLIS NEVILLE IS  ORRY	1.6 1.7 1.7 1.2 2.0	5 4 7 3 T			т т		•02	T T • 01	•02 •03 •01	T		.08 .06 .38 .49	.42 .42 .02	.28	T .60 .28	•01	.02 T	Т	.08		.38 * .17	T •21 •09 •01 •02	.02	•16 •05 •37 •13	.31 .11 .07	.05	.09	.5T * .41 .25	.38 .34 .05		T T	.10 .14 .04 .01
OUDERSPORT 3 NW OUDERSPORT 6 E OVINGTON 2 WSW REEKSIDE RESSON 2 SE	2.0 1.2 2.1 1.4	3 T 7 6	T	T	• 01 T			т	•01			₹ •20	.33 .12 .40 .43 .42	.09 .47 .13 .42 .15	T	T	*02 T				.20 .08 .25	1 • 10 • 07	T T	•13 •21	.41 .15 .24 .18		T T	.47 .35 .42 .45	•21 •17 T			•14 •07 •10 •04
ONORA	1.9 2.0 D 1.9 1.5	3 4 T 0 •01	•01 T		•09	т	T T	•05 T	•02	.01	•02	.07 .07 .44	.46 .28 .47	•15 •25 •15	*14 T		T T	·	. 03 T	.15 .04 T	.23 .15 .13 T	T T	С	.27 .30 .30	.45 .02		.39 .01 .21 T	.18 .47 .25 .38	• 02	т	T .04 T .07	•14 •10 •02
OYLESTOWN U 801S FAA AIRPORT U 801S 7 E USHORE 2 SSW AGLES MERE	1.8 1.3 1.9 2.3	7 T 6 6	T T •03	T T	T • 0 4 T	T T		• 02 T	T T T	T T	.01	• 26 • 22 T	•21 •52 •81	.10 .05 .18 .27	•01 •05 •03	* 02 T	T T	'		T T	.19 .24 .13	T	Т	.29 .13 T	.03 .32 .47	т	•19 T •02	.32 .22 .4 .31	T *05 *01	T •01	.14	.18 .07
AST BRACY BENSBURG MPORIUM 1 N NGLISH CENTER PHRATA	1.7 1.5 1.6 2.4	4 T 5 9	Т		T	•20		Т	T T T	T T		•22 •17 T •23	.40 .53 .47	.30 .13 .32	Ţ	• 0 4 T	T •02	T		•20	.30 .10 .08 .10 .42	T • 0	T T	T .08	•23 •21		.03	.24 .35 .45	. 20 T	*01	.01	•10 •08 •09 •01
QUINUNK 2  RIE WB AIRPORT VERETT 1 SW ARRELL SHARON ORO CITY 4 S DAM	1.5 1.5 .8	1 3 8			Т		Т	T	T •02			•30 •10 •17 •29	•37 •07 •20	.53 .02 .32 .09		•02 T	T .02			.01	.40 .19 .18 .09	.02	*11 T	•25	.19	T	.06	.60 .24 .37 .32 .40	.05 T	Т	.02 .12	.04
RANKLIN REELANO SALETON SEIGERTOWN SEORGE SCHOOL	1.6 D 2.5 1.6 1.9 2.1	4 T 5 9			•02		Т		•13 •02	T		•06	.70 .45 .5	.19 .40 .15 .19	•12	T			T •02 •02	.01	.08 .03 .04 .35	.05	•02	+12	0 .50 .25 .35		•02	.59 .58 .38 .50	.02			.16 .08 T
ETTYSBURG  SLEN HAZEL 2 NE DAM SLENMOORE SLENMILLARD DASH DAM SOULOSBORO	1.8 1.7 I.8 2.3	0 •02 7 4 5	т	т				T T	T •02 T	T •01		.69	.51	•18 •14 •21 •36	T •08 T	•03 T	.04		т	T	.40 .10 .28 .06	. O H	.01 T	·15	.23		.05	•51 •28 •52 •42 •34	05 T T		Т	*15 T *07
RATERFORD 1 E  RRATERFORD 1 E  RREENSBORD LOCK 7  REENVILLE  HANOVER	2.0 1.6 1.3 2.1	9 2 7 1		Т	_		Т	T T	T T		. 24	• 0 2 T	.26 .18	.30	T • 01 T				•13	T	.50 .42 .05 T	.0		T •40	.38		.04	•51	*01 T		•12	.10 T
HARRISBURG WB AP HARRISBURG NORTH HAWLEY HOLLISTERVILLE HOLTWOOD	2 · 1 2 · 4 2 · 4 1 · 7	1 2 7 2	T •02	Т	Т			•01	**************************************	T	т	•27 •09	•51 •52 •62 •43	.38 .43	•17 •14 •04				т	.23 T	•11 •36 •35 •21 •22	т		• 4 5	.31 .40 .47		.31 .07 T	.15 .46 .55 .45 .69	T • 02 T • 05		T T	.05 .05 T
HONESDALE 4 NW HONEY BROOK 1 W HOP BOTTOM 2 SE HUNTINGDON HUNTSDALE	1.7 2.0 1.2 1.6	1 .05			τ	•02	Т		·03		•02	•07 T	•56 •58 •53 •32 •45	•17 •31	•05				Т	•01	.45 .36 .13 .18	•02			.46 .20 .55 .13 .21		.05 .01	.40 .55 .37	* 05 T			T .02
HYNDMAN INOIANA 3 SE JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN	1.8	12 3 T 6			Т			*12 T	•05 •02 T	T		.28 .08 T	•1 •5 •44	.27 .10 .33	+22	•02 T	.14				.27 .16 .13	T		Т	.6		.06 .08 .30	•59 •55	•01 T •65		T T	.02 .10 .11 .09 .25
KANE 1 NNE KEGG KITTANNING LOCK 7 KRESGEVILLE 3 W	1.6	1						т	Т			T •26	•29 •18 •20 •38	. 27		+01 T	•01 T			Т	.07 .17 .49			•22			•03	•13 •37 •53			т	•10

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Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of Mo	onth 15	16	17	18	19	20   :	21	22	23	24	25	26	27	28 29	30	31
LAKE MINISINK LAKEVILLE I NNE LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LAWRENCEVILLE 2 S	3.20 2.04 3.06 1.96 1.15				·03			т	T T			T +21	.44 .59 .45 .64	.69 .15 .27 .30	*15 T				.04 T	* <sup>02</sup>	.50 .21 .30 .33	т		•24 •16	.65 .44 1.07 .34		.08	.71 .54 .49 .34	т	T T	.06 .05 .03
LEBANON 4 WNW LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN	2 • 15 1 • 75 1 • 36 1 • 75 1 • 36				т			T T	Т			Т	.50 .49 .33 .28 .37	.40 .40 .13 .18	.05 T	т	т			Т	.50	·07	•01	•26	•51 •36 •28 •21 •20		T .01	•27 •55 •34 •27	· 22	Ť	•01 T •06 •10
LOCK HAVEN LONG PONO 2 W LYNCH MADERA MAHAFFEY	1.93 2.20 1.86 1.12 2.04	. 02	т	т	т			T T	.01 .02 .04	.01		.01 .03		•31 •42 •10 •04 •28	*12 T	• 05 T	•01			T	•14 •47 •10 •10 •29	T .02 .09	Ť Ť	T •28 •04	.33 .35 .28 .04		.01 T	.53 .33 .30 .42 .48	.02 .25 .04 .06		•06 •06 •12 •06 •11
MAPLE GLEN MAPLETON DEPOT MARION CENTER 2 SE MARIINSBURG FAA AP MATAMORAS	1.88 1.40 2.36 1.16 3.37		T T	.01 T	•02	т	т	•01	*04 T	•01	т	.29	.43 .36 .28 .38 .72	.14 .21 .39 .03 .78	.04 .01 T	•01	T T	т	• 02	.10	.40 .18 .19 .02	.07 .20 T	T T	•02	.21 .21 .21 T	т	•24	.49 .44 .47 .18 .76	•06 T	T •01 T	.06 1 .15 T
MC CONNELLSBURG MC KEESPORT MEADVILLE 1 S MEDIX RUN MERCER 2 NNE	1.41 1.76 1.54 1.56 0 1.60		т	т	т		Т	T T	+02 +01 +02	*01 T		T •37 •03 T •20	.48 .35 .40	•27 •17 •19 •20	T +28 T	*01 T	T .01			т	•12 •18 •14 D	.03 .12 .02 .08	T T	.20 .05	.19	T T	*05 *01 T D	.39 .25 .31	T •62 •09 •04		.06 .07 .12 .45
MERCERSBURG MEYERSDALE 1 W MILLANVILLE MILLHEIM MILLVILLE 2 SW	2 • 18 • 96 2 • 74 1 • 45 1 • 87	« O 3			T T T		Т		.01 T .03			.13 .20 T	.75 .22 .59 .57	•32 •07 •56 •23 •40	T •12 T						.28 .10 .44 .15			т	.09 .09 .45 .20		.03 T	.60 .18 .50 .43	• 05 T T T		05 02 04
MILROY MONTGOMERY LOCK AND DAM MONTROSE MORGANTOWN MT GRETNA 2 SE	1.59 1.38 2.49 2.05 2.05	•01 •05	.08	т	T •09			+01	*01 T	т		.05 .32 .19	.37 .14 .42 .45	.30 .10 .54 .21	•09	Т	Т	т	т	*12 *24	-20 -07 -10 -25 -13	.04 .05 T	т	T • 06 T • 36 • 48	.17 .17 .37		T .05 .13 .32	.40 .37 .60 .30	•05 T •05	+0: +0:	
MYERSTOWN NATRONA LOCK 4 NESHAMINY FALLS NEW CASTLE 1 N NEWELL	2.03 1.92 2.32 1.50 2.12	т			Т	т		T T	T T			.02 .02 .02	-51	.40 .34 .19 .12	T T	•03	T .04		.06	.13	.29 .05 .35 .14	.01 .07	T .04	.02 .16 .15	. 15		•27	.5T .33 .4T .41	.58	+ O	07 9 T +22 +10
NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN	1.46 1.69 2.38 2.64 1.82	۰04	т		T •01			т	*02 T		.05	.27 .14 .25		•15 •24 •13 •41 •08	T •03	т	т		.01	T T	•11 •22 •60 •34	T .03		• 20 • 25 • 37	.19		.80	.30 .45 .45	•18	T •14 •1. T	2 T
NORTH EAST 2 SE ORWELL 2 NW PALM PALMERTON PARKER	1.36 1.28 2.45 2.70 1.12				*09 T	T		•05	T	T		.03 .26	.40 .50	•13 •12 •25 •48 •17	•11	•08 T	Т			.23	.09 .02 .57 .31	T T	Т	•50 •36 •10	•10 •50		.02	.25 .48 .50 .30	.03 T	Т	.05 .04 .02
PAUPACK 2 WNW PHIL DREXEL INST OF TEC PHILADELPHIA W8 AP R PHILADELPHIA PT 8REEZE PHILIPS8URG FAA AP	2.28 2.41 2.31 2.00	Ť	т	т	T T •01			Т	T		т	T • 02 • 03		.33 .20 .18 .14	+09 T	Ť	Ť	т	.02 .03	.20 .17 .13	.34 .30 .29 .25	.01 .01 .01 T	т	•15 •12 •13 •24	T	т	.36 .46 .11	.57 .45 .36 .59	•01	*1 •0 •0	8 T
PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PLEASANT MOUNT 1 W		T T T •10	T T •04		T •03		T T	+03 T	*02 *01 T *03	Ť	*11 *14	.08 .45 .31		.16 .39 .05 .08	•06 T	T T	T	T	.03	.16 .01	.21 .31 .13 .08	T T	T T	.30 .38 .10	.45 T		.32 .22 .04	.25 .57 .15 .19	T +04	0.0 T 0.0 T T	+ 06 + 6 + 04
PORT CLINTON POTTSVILLE PUTNEYVILLE 2 SE OAM QUAKERTOWN 1 E RAYMOND	2.58 1.94 1.65 2.48 1.39			Т	+02	т		.01	•02			.16	.48 .49 .20 .44	.44 .27 .21 .05	.04 .19 T	T •02	т		.02		.67 .35 .22 .56	•02	Т	T •13	.53 .43 .17 .47	.05	.03	.42 .48 .41 .69	•01	т	T •16 •05 •07
READING WB CITY R RENOVO REW RICES LANGING L 6 RIOGMAY	2.50 1.62 1.93 1.89 1.20				T			Ť	T • 05 • 04 T	Ť	т	•19 T •10 •23	.43	.61 .09 .23 .15	T T	•03 T	.01	т	T	.22	.27 .13 .09 .06	.03 .03 .12	т	• 28 T • 35 T • 06	.29 .18		.01	.16 .49 .59 .50 .23	.06 .12 .02 .03	•0 T	01 T •09 •09 •16 •15
RUSHVILLE RUSSELL SAGAMORE 1 S SALINA 3 W SAXTON	1.65 1.94 1.41 1.47 1.27		•04		T		Т	•03	•08 •04		•02	T •40 •20 •36 •05	•25 •17	.29 .09 .20 .11	•05	*04 T	T				.03 .55 .08 .21	.05	*12 T	.30 T .10	.10		.05	.45 .32 .12 .33	T	T •0	.04 .10 T
SCHENLEY LOCK 5 SCRANTON SCRANTON W8 AIRPORT SHAMOKIN SHIPPENSBURG	1.66 D 2.79 2.06 2.37 2.10	Ť	Т	Т	+01 T		т	T T	.01 .29 .03			.42 .21	• 40 • 36 • 45	.39		Т	Т		т	.09 T	.19 .50 .11	•01	Т	•05 •47	0 .60 T		. 16	.37 .45 .19	.05	.o	.09 .04 T .10
SINNEMAHONING SIZERVILLE SLIPPERY ROCK SOMERSET FAIRVIEW ST SOUTH MOUNTAIN	1.24 1.88 1.20 1.53 2.71		T •05					+02 T	T T			T T •16	.40 .54 .29 .30	*11 *14 *11 *16 *41	T T T	T T	T .02				.12 .18 .02 .07	.0. .0.		•02 •12 •04	.25	=04	.04 T	•32 •36 •31 •37 •48	↑ •03 •10	• 0	.96 .12 .18 .06
SPRING GROVE STATE COLLEGE STOYSTOWN STRAUSSTOWN STROUGSBURG	2.06 1.48 - 2.41 2.98	т	т	т	T T				Ť			•07 •02 -	•31 -	.26 .20 - .44 .47	T T - • 07	<u>T</u>	-	<u>T</u>	- T	T - -10	.22 .10 - .54 .45	.04	-	T - -40	•31 •26 - •51	-	.01 -	.55 .48 - .41	T •04	- T	•02 T
STUMP CREEK SUNBURY SUSOUEHANNA TAMAQUA TAMAQUA 4 N OAM	1.34 1.91 2.28 2.10 2.40	•10	•05		T •08				T T			• 05 T	.29 .39 .36 .49	. 25 . 38 . 54 . 13 . 52	•02						•17 •28 •18 •56 •32	.01		т	.15 .45 .26 .37		.04	.25 .39 .48 .55	.06		•09 T •02
TIONESTA 2 SE DAM TITUSVILLE WATER WORKS TOBYHANNA TORPEOO 4 W TOWANDA 1 ESE	1.56 1.65 2.21 1.92 1.53	•02	T T		T • 05	т		T T	T T T	T T		•02 •44 •18	• 04	.25 .10 .490 .27	0 0 0 6	T T • 02	T T		Т		.11 .18 .34 .12	.02	.01	. 29	.01	Т	.01 .09 .05	.32	.03	T •1	•12 06 T •05 •05
TOWER CITY 2 E TROY TURTLEPOINT 4 NE TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT	2.02 1.62 1.36 1.18 1.62	т	• 0 2 T	т	• 02 T	T			*02 T *01			.01	•45 •30 •18	.31 .19 .03 .13	» O4	• 02					.38 .01	.04 .05		• 24	.04		.07 T T	.40 .55 .26 .44	•35 T		7 •10 •04 •05 •01
UNIONTOWN VANOERGRIFT VIRGINVILLE WARREN WATSONTOWN	1.54 1.54 2.46 1.42 2.22	Т	Т		T T		•01	T T	T •01 T	T	т	.24 .09 .10	•36 1•05 •39	.27 .31 T .07	• 04 T	Ť	т		T T	т	.08 .09 .40 .12	T .04	T T	.30 .06	•19 •42 •14		.02 .04 T	.29 .33 .45 .28	• 03	.0	•07 T
WAYNESBURG 1 E WELLSBORO 3 S WEST CHESTER	1.73 1.44 1.61	Ť	T T	T	T T		Т	T T	•01 T	Т		. 27 T		.14 .12 .08			т			т	•15 •04 •28	.02 .01 .03	T	• 0 3 T	·39 ·37 ·31		.02 .48	• 40 • 55		т	.08 .08 .04
												See r	eference		llowing ! 6 -	Station	Index														

( ZA)

Station	Tag .												Day	of Mo	ontlı																
Station	Tot	1	2	3	4	5	6	7	B 9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		25	26	27	28	29	30	31
WEST GROVE 1 SE WEST WICKORY WHITESBURG WILKES BARRE WILLIAMSBURG	1.75 1.72 1.86 2.20 1.27		•02		•03			Ŧ	• 0 1 T		.01	+26 +39	*14 *32 *42 *11		•03	.01		ī	T	.40 .20 .18 .24	1	.02	* £ 6				.40 .33 .43 .34	.09		T	10 •10 •08 •10
WILLIAMS PORT WB AP WOLFS BURG YORK 3 SSW PUNP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	2.09 1.02 2.13 2.04 2.08			T	T T		.02	T	*01	•02	•21 •02 •33	+46 +45						.01	+14 T	.10 .09 .23 .32 .33		T	• 33	.05		.17 T	.37 .28 .51 .49 .32	Ť		.06,	T T T T

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Station							-	_							,	Day	Of M	onth															erage
ALL CALTONIA NO. 40		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	À
ALLENTOWN W8 AP	MAX	9	33 17	35 15	37	35 17	36	37 19	36 24	24	23	37	37	35 19	14	33 12	14	15	39 25	39 28	33	10	30 9	37 14	- 4	15 - 4	10	30 12	2	- 9	25 13	7	32. 15.
ALLENTOWN GAS CO	MAX	15	29 9	34 14	36 15	38 16	37 18	38 19	37 23	23	22	49 23	39 31	38 32	35 13	29 12	14	33 15	17	39 30	40 29	15	10	32 14	38	<b>-</b> 1	18	32 10		- 2	- 2 - 2	27	32. 14.
ALTOONA HORSESHOE CURVE	MAX	23	25 12	32 17	34 21	36 23	38 27	36 25	35 30	45 29	58 34	43 36	40 34	37 15	25 9	29 11	0	18	21	39 21	45 33	33	35 2	32 13	-16	20 - 4	28 11	24 11		20 -10	30 14	26 10	33.
ARENOTSVILLE	MAX	15	28 15	36 24	34 28	38 15	37 24	42 20	40 25	41 28	41 24	50 25	42 34	40 34	36 10	30 10		36 13	45 19	20	34 21	46 11	19 7	33 15	- 33 - 4	12	23 5	34 19	29 6	20 - 8	- 6	29 20	33. 15.
AUSTINBURG 2 W	MAX	- 11 - 2	20 9	28 17	32 12	30 15	34 25	31 19	34 26	34 28	39 20	50 23	34 24	42 22	24 6	25 7	21 5	2 <b>4</b> 6	38 13	42 17	40 22	44	10	30 8			- 12 - 5	24 12		12 -12	25 <b>-</b> 5	25 3	29.
8AKERSTOWN 3 WNW	MAX	20 5	28 10	32 11	34 24	36 20	37 27	34 29	34 26	44 29	52 31	48 37	44 33	34 9	24 4	20 10		40 18	43 24	39 18	48 24	- 1	32 3	40 0	-20	12 -10	28 11	27 7		26 -11	28 21	21	31.
BEAR CREEK OAM	MAX	- 4	19 2	21 12	32 12	30 16	30 22	36 12	36 20	37 28	38 15	54 18	41 33	36 32	32 4	- <sup>20</sup>	- 1	23	42 5	38 16	38 18	47 6	13	26 6	31 -10	- 3 - 9	- <sup>12</sup>	24 12	24	15 -22	21 -20	23	28.
BELLEFONTE 4 S	MAX MIN	- 13 - 1	25 11	30 20	33 21	38 22	42 26	38 21	38 27	35 31	44	47 23	38 34	40 32	32 12	26 12		32 10	47 19	43 21	45 23	41 5	14	34 14	34 -16	0	18	29 15	25	18 -14	22 -12	27 15	31.
8ERWICK	MAX	27 9	30 22	31 22	33 12	32	35 16	35 18	35 32	42 26	45 19	42 31	40 35	35 15	25 7	32	27 10	44	42	38 24	42 30	30 7	32 6	36 10	10	14	28	27 10	16	19 -15	26 15	25	31.
SETHLEHEM LEHIGH UNIV	MAX MIN	20 11	25 20	25 18	30 25	30 21	32 28	32 22	33 27	34 29	40 25	38 33	34 32	32 28	28 14	26 18	25 17	35 18	34 29	35 28	38 31	34 18	24 19	33 15	15	11 - 1	21 11	26 20	25 16	16 12	16 13	21 16	28.1
8LAIRSVILLE 6 ENE	MAX	15	23 12	26 I 6	31 22	36 25	32 25	34 26	31 26	4 I 26	50 37	45 41	46 36	36 6	19	22	26 9	40 20	45	42 28	44 25	26 - 2	33		- 1 -20	12 <b>-</b> 12	28	22	6	27	26 19	20	29.
8LOSERVILLE 1 N	MAX	18	30 17	35 24	34 27	40 22	36 25	40	39 28	38 31	41	51 29	40	38	34	30		34 18	46 21	43 21	35 22	47	18	33	30	10	22	37 14	30	20	20	24	33.;
SRAOFORO FAA AIRPORT	MAX	17	28	34	29	32	27	30	28 25	35	45	38	40	28	15	15	19	35	39	36 11	38	4	22	27	- 6 -21	12	26	18	8 -10	25	22	22	25.4
BRADFORO 4 W RES	MAX	20	27	32	30	33	29	31	31	37	47	36	39	35	18	17	19	38	41	37	41	27	24	24	5	15	28	25	10	-10 28	26	22	28.
8URGETTSTOWN 2 W		- 2 15	23	30	33	35	35	38	34	34	18	52	47	43	18	20		31	45	18	46	42	18	41	17	-10	17	27	17	-23 12	31	29	30.1
BURNT CABINS 2 NE	MIN	- 2 26	31	34	37	39	9	27	29 40	28	25 58	29 51	34	15	6 30	37	36	11	46	15	17	52	33	16	29	-15 23	- 5 30	15 30	-10	-27 20	-23 31	30	37.;
BUTLER	MIN	8	17	25 30	17	26 35	27	21	28	31	23 45	32 51	32	25	10	22		30	19	28	20	7	5 16		- 7 17	- 1	13	20	29	-16 13	16 30	28	30.
CANTON 1 NW	MIN	10	20	15	15	17	32	17	28	27	24	24	34	37	7 30	11	7	7 25	38	17 38	35	40	2	16 29	- 7 30	<b>-</b> 15	- 3 12	24	- 4	-22	<del>-</del> 20	12	8.6
CARLISLE		- 2 31	15	15	15	21	22	19	27	29	28	35	28	30	6	38		20	19	20	22	3	35		-10 27	-10 22	- 5 32	15	4	- 3 21	- 5 27	10	12.6 35.1
CHAMBERSBURG 1 ESE	MIN	7 29	21	27	27	14	22	22	30	31	21	32	33	22	12	11	12	13	22	24	30	9	7 35	25	- 6	1 25	15	9	18	- 6 21	15	18	16.5
	MIN	9	20	25	21	21	25	18	30	28	22	40 33	34	18	31 15	37 13	12	15	21	21	31	10	8	11	- 5	3	15	12	5	- 9	13	32 15	35.0
CLARION 3 SW	MIN	- 3	30	10	33 21	15	23	23	33 26	29	18	39	32	37	22	21 8	8	5	9	11		- 2 - 2	0		-18	- 9	31 11	10	- 6	28 -24	19	25	30.5
CLAYSVILLE 3 W	MIN	- 2 - 2	31 8	36	36 24	36 8	24	35 31	34 29	50 30	57 25	50 35	34	35 6	- 1	28 11	6	11	46 14	17	48 27	28	38	42	-16	18 - 6	32 14	29 6	-12	-27	33 25	- 1	35.3
CLERMONT 4 NW	MAX	- 2	32 10	30 20	30 10	36 20	36	34 24	32 22	34 25	48	42 32	40 30	36 12	18	18	- 5	36 12	42	38 5	38 18	35 - 7	24	28 9	-22	10	30 6	24 14	15 - 2	24 -28	24 18	6	9.1
COATESVILLE 1 SW	MAX	16	29 13	34 23	37 28	39 18	40 21	40 17	44 22	41 22	42 22	51 24	42 33	40 35	38 13	29 12	38 12	37 15	49 18	40 31	38 31	45 14	21 11	34 14	39 - 1	- 3	20	35 20		- 2	25 - 2	31 22	34.7 16.0
CONFLUENCE 1 SW OAM	MAX	13	21 7	25 15	36 15	36 14	36 14	39 31	38 31	33 30	50 25	55 25	55 33	51 23	24 10	24 8	30 8	35 15	48 15	48 17	51 21	49	20		39 -17	-17	- 18 - 2	33 17		12 -22	33 -22	32 14	33.6
CONNEAUTVILLE	MAX		20 - 8	27	31 16	33 24	35 25	31 26	32 26	34 27	42 28	50 32	33 25	36 9	16 3	2 I - 1	15	20 3	37 12	41 23	41 24	27 - 4	17 - 2	28 11		- 1 -15	14 - 3	30 12	18 - 9	14 -16	28 - 2	21	26.3 7.7
CORRY	MAX		28 4		31 22	34 22	29	30 22	30 24	38 28	45 26	41 28	40 26	34 8	18	16 3	18 - 5	37 12	39 12	41 22			24 - 3		-19	13 - 7	31 7	19			24 11		27.7
COUGERSPORT 3 NW	MAX MIN	18	26 10	27 14	29 11	32 22	28 12	31 24	31 26	36 25	49		39 25	35 8		19	20 - 1	37 6	3 <b>9</b> 8	35 9					-20						23 10		26.9
OEVAULT 1 W	MAX			35 20	38 25	38 18	38 25	42 22	38 23	41 24	55 28	41 33		35 17	28 12	37 15	36 13	49 24			46 31				10			32 10	18		29 14		34.8
OIXON	XAM			26 19	32 23	32 18	35 24	37 17	36 20	39 31	40	52 20	41 31		33	25 6		26 2	43		38 19	45 9	32	31	36		11 -22	29			23 -20	28	31.5
OONEGAL	MAX MIN	17	23	33		37	38	33	34	48	55	53 37		35	23	29	33	46 24	47	48	50 16			36	6		32		8	34	33	21	33.4
OONORA		29	30	35	36 27	38	40		36	52	60	57	55	46	27	33		49	49	46	45 32	34		44		19	32	30	16	32	33 25	30	37.5
OU BOIS FAA AIRPORT	MAX	18	26	30	32	36	33	32	30	40	47	41	44		17	17	22	38	42	40	42	10	27	33	- 5	11	24	20	9	26	26		27.7
OU 8015 7 E	M1N MAX	20	26	30		37	35		33	28	52	35 43	43				24	16	43	39	42	30	29	35	14	13		24	- 6 10	23	26	22	30.4
EAGLES MERE	MAX	5	20	20	26	24	30	34	29	30	34	33	42	38	30	18	25	23	35	34		35	11	26		- 5	10	21		13	14		24.8
EAST BRAOY	MAX	20	33		19		39	22 37		37	25 49	30 40		30	3 25	4	30	5	20		45		- 2 32						- 2 ·		- 4 30	7 28	9.8
EBENSBURG	MIN		10		22				28		25	32	32			9		6	11	13	30 45	0	4	5 .	-I9	-14	14	11	- 8	-27		8	10.7
EMPORIUM 1 N	MIN	1	11	17	15	24	25	25	27	27	32	34	39	10	6	12		21	20	20		0	2	6 -	-18	- 5	10	8	- 5	-12		9	13.1
	MAX	- 7	4			30 11		31 16		32 27			30	22	5	6	4	5	9	11	13 -	- 1	- 2	4 -	-18	-19	- 4	9	- 3	-22	-21	7	6.1
ENGLISH CENTER	MAX		30 -12									48 15				24 7	29	6	8		12		- 1				19	28			22 -22	15	32.0

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#### DAILY TEMPERATURES

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EPHE	RATA	MAX	33 7	35 20	36 21	28						0 49			31 14	36 14	33 15	47	48 29	38 28	44 19	33 12	32 9		27 -				- 6		33 18	37.5 17.2
ERIE	E WB AIRPORT	MAX	22 11	27 16	30 16	33 27				33 4 28 3		9 35			22 8	14	19	26 17	20	42 24	42 7	8 2	28	17	15	3 2		10	28 - 1		16	26.5 13.1
EVER	RETT 1 SW	MAX	12	24 12	30 20	34 20						6 56			32 11	26 14	34 10	37 12	46 17	22	46 30	52 6	14		39 -	8 2	2 30				34 14	33.9 14.3
FARR	RELL SHARON	MAX M1N	23 12	31 19	32 15	35 29				33 4 30 3		9 33			26 10	21 12	28 11	18	43 22	43 28	38 21	30 5	30 9	30 3	6	0 1	1 20				27	31.5 16.5
FOR	CITY 4 S OAM	MAX MIN	12	22 1	29 13	32 13				35 3 29 3		6 55			19 8	24 10	29 10	31 10	46 10	47 17	47 17	45	1 <b>7</b> 2		26	1 1			12 -23		29 12	31.2
FRAN	KLIN	MAX	23	29 8	29 11	44				30 4 24 2		9 2 33	3 31	34 7	24	21 8	24	41 10	42 12	41 19		21	29	28		6 3			27 -23			30.4 10.3
FREE	LANO	MAX	22	23 15	32 15	30 23				35 3 20 1		2 50			20	28 13	26 9	43 19	39 20	37 26	36 1		29	23 - 9 -	9 8	4 1			31 8		24	30.0 12.5
GEOR	RGE SCHOOL	MAX	13	25 11	34 13	36 20				41 4 19 2		1 49			36 15	28 12	30 12	36 15	46 16	37 32	39 35		39 11	36 15	45	6 1			18 - 4		28 20	34.1 15.7
GETT	YSBURG	MAX M1N	17 5	28 15	35 27	35 28				41 4 25 2				40	35 16	30 13	37 14	37 17	48 23	39 23	35 25		18 10			4 2			18			34.1 16.3
GRAT	ERFORO 1 E	MAX	14	30 7	32 20	35 20				42 3 18 2		0 52			36 15		36 11	35 12	47	38 31	40 30			3 2 1 3		6 1			16 - 2			33.0 14.8
GREE	NVILLE	MAX M1N	- <sup>22</sup>	30 3	33	34 25				32 4 27 2		0 37		24	20	23 - 3	40 11	42 13	41 23	42 22	27 17 -		29	29	2 -	6 3			25 -14		24	29.3 9.7
HANO	VER	MAX	20	31 18	35 23	36 28				43 4 24 2				39 33	34 14	30 16	37 18	38 17	52 25	41 25			20			3 2			20 - 5			35.4 16.8
HARR	ISBURG WB AP	MAX M1N	29 13	33 25	34 30	36 22				39 4 34 2					30 16	37 15	36 16	44	39 24	34 27	46 33		35 11	38 9	10 2	6 1			21 - 4			33.8 18.5
HAWL	EY	MAX M1N	- <sup>9</sup>	19 7	28	34				36 4 14 2								2 7 - 1	47 5	41 15	40 15	49	20	31 9 -		5 18 7 -1			20		30	31.9
HOLT	wooo	MAX MIN	30 4	34 24	33 29	35 24				38 4 27 2					30 15	38 15	38 16	45 21	38 30	36 30			35 13	38 16	17 2	2 32			25 - 3			34.7
нинт	INGOON	MAX MIN	15 10	26 11	31 23	35 19				40 3 28 3		6 50 2 21		42 27	28 14	28 10	33 8	36 8	47 13	42 17	42 26	49	15			5 25			15 -16			33.0 13.3
INOI	ANA 3 SE	MAX	- <sup>2</sup> 1	26 10	33 15	35 22				34 4 31 3				39 12	23 7	25	29 7	43 10	47 18	47 20	47 31	31	35 5	41 -		5 31			31 -22	32 21		33.3 12.8
JAME	STOWN 2 NW			21 - 4	28 7	30 10				32 3 25 2				38	15	22	- <sup>14</sup>	- 22 - 5	40	42 20			16		12 - 19 -1	1 14			12 -14		22	26.5
ЈОНИ	ISTOWN	MAX M1N	22	22 13	26 14	33 20				40 4 32 3				50 22	23	23	21 10	31 18	47 22	45 25	47 27	45	26 5		39 14 -1	5 23			10 -13			34.4 15.0
KANE	1 NNE	MAX M1N	6 2	21	28 18	33 19				31 3				40 13	19	20	19	20	36 6	42 7					22 -	4 13					23	26.5
KEGG		MAX	25 2	33 15	38 19	40 19				36 5 31 3				43 14	28 12	34 11	37 10	52 18	46 19	45 21	50 23	24	42 7	44 -		7 32		27	27 -13	53 18		38.4
LANC	ASTER 2 NE PUMP STA	MAX	32 9	35 21	35 22	39 29				40 4 25 2				37 27	30 13	38 11	34 13	46 15	40	38 28					35 2	2 32			-22 -11			35.9 16.8
LAND	ISVILLE 2 NW	MAX M1N	20 4	28 19	32 17	33 28				35 4 22 2				39 33	34 12	28 11	35 13	32 15	43 19	38 28						9 24			16 -10			32.3 14.5
LAWR	ENCEVILLE 2 S	MAX	22	27 18	32 22	31 18				36 3 25 3				36 20	23 6	26 12	24	42 10	10	38 16	47 37	37			11 2 13 -1	0 29			24 -23		25	31.6 11.9
LE8A	NON 4 WNW	MAX	19	30 16	37 17	35 28				40 4 25 3				37 32	33 12	28 13	34 15	32 15	42	38 26		40 10				7 19 6 <b>-</b> 2		31	17			31.8 15.5
LEWI	STOWN	MAX M1N	18	29 11	36 21	35 25				38 3 26 3				40 34	34 15	31 13	36 12	37 12	52 16	43 20		50 10		37 10 -		8 24 8 1						34.1 14.5
LOCK	HAVEN	MAX MIN		30 11			34 18			33 3 26 3						28 12	31 8	30 9	37 13	38 17			15	34 7 -		3 19 0 - 3			20 -14			30.6 12.1
MAOE	RA	MAX		20 3	25 15					35 3 29 2		2 51 0 22			23 5	20	23		40	44 12	40 15	42	12	35 9 -	35 <b>-</b> 18 -1	3 17 4 - 6	29 13	23 - 4	9 -23	28 -13	29	29.0 8.0
MARI	ON CENTER 2 SE	MAX M1N	- 1 - 1	25 - 1	27 12	31 19				32 4: 27 2	2 5 7 2	1 46 8 38			19	19	26 2		44 16	43 23	45 27 -	40	31	37	32 1 21 -2	1 26	22	17 - 5	26 -16	24 -12	23	31.6 9.0
MART	INSBURG FAA AP	MAX			31 23	34 20	35 2 27 2	57	38 3	36 4 29 3	5	6 43 7 32	43 33	38 13		32 14	35 9		46 24		50 22	22	40 -	42	3 1	9 28 0 16				32 22		
MEAO	VILLE 1 S	MAX			30		31 3 20 1			32 3: 26 2:		1 45 3 24			15 5	21 6	16	21	38 12					27 12 -		0 14 6 - 2	30 10	16 - 6	-13 -17	26 -10		26.4 7.2
MERC	ER 2 NNE	MAX		29 9	30 17		35 E			32 4: 25 2:		8 45 7 36	39 31		22 - 8	21	23	42 5		40 35	8 -		28			3 30 8 10	33 8	-11	26 -23			31.2 10.1
MERC	ERSBURG	MAX M1N		29 15		36 22	43 1	35 4	1 2	39 43 26 30	2 4	2 49	41 34	40 33	34 11	30 12	37 12	37 13	46 15		36 24			36 13 -						- <sup>22</sup> - 9		
	VILLE 2 SW	MAX		28 8	29 20		33 3 14 1			34 34 22 30				39 32	33 7		31	26 6		42 18	36 20	39	13	29 -	8 -1	1 14	30 10	20	18 -10	20 -11	28 16	29.3 9.8
	GOMERY LOCK AND DAM	MAX	24	30 14	32 12	35 25		37 3		35 40 33 33		2 44 9 37		38 15	8	14	12	15	22	42 22	46 29 <b>-</b>	32	35 5							30 24		
	ROSE	MAX MIN								31 30		6 50 5 26		36 30	32 2	19	27 - 2	21		39 20						1 12			- <sup>13</sup>			26.9 9.3
	ANTOWN	MAX	32 8	34 4	34 12	10				43 40					31 11	34 15	33 14	47 20	42 15				36 10	40 15 -	33 2	7 31 4 13	31 12	30 2	26 10	31		36.6 14.0
	RETNA 2 SE	MAX M1N	30 1	33 20	34 26	36 17				42 4: 23 2:			39 34	38 17	29 8	36 8			39 28		42 33	37	32 7		8 -1	0 30	32 11		20 - 9	27 14		33.9 13.8
NEW	CASTLE 1 N	MAX M1N	24	31 10	32 10	35 24	9 2	6 2	7 2	34 4° 27 30	5 2	1 47	39 31	36 12	25 6		29	45 8	43	40 19	45 26 -	28	31	31 -1	5 1	7 30 7 12	26 10	15 - 7	28 -23	30 19 -	27	32.2

#### DAILY TEMPERATURES

Continued					-			_																				JANUA	RY 196	3
Station		-			T.								- T			Of Mo								-	Υ:-		-		erage	
NEWELL	MAX	20	2 25	3	38	36	38 41	37	9 46	56		12		14		16	17	51	19			1 1	24 25				29	30 31	-	_
	MIN	5	16	14	29	17	33 32	31	33	28	37	38	19	13	18	15	18	20	22	34	4 1	8 18		5 11	. 17		15 -14	34 3 12 1		
NEWPORT	MIN	17	30 12	54 24	36 25	11	35 39			21	55 21	39 36	40 34	35 9	31 9	38 11	35 12	14	19	35 5 26 1			32 1					22 2		
NEW STANTON	MAX	25	28 13	35 12	38 18		22 26		51 27	59 29	55 28	49 35	10	25 9	30 10	29 11	49 20	50	49 18	45 4 24			-16 -				33 -21	33 3 22 1		
NORRISTOWN	MAX	31 11	34 24	37 23	39 28		1 44 26 21		44 26	53 27	43 32	41 36	38 22	31 16	40 16	38 19	51 26	40 33	44 32	54 40 35 1			13 2 I	2 35 4 18			29 2	31 3 21 1		
PALMERTON	MAX	27 10	31 18	35 11	38 24		39 37 24 19		40 25	46 22	39 34	37 35	35 18	26 13	33 9	31 13	42 13	40 22	39 28	41 3: 35 10			14 1					27 3 14	32. 7 15.	
PHIL OREXEL INST OF TEC	MAX	30 10	34 26	38 28	37 30		38 41 26 24	43 30	43 26	50 26	47 32	42 37	39 27	30 17	36 20	36 20	48 25	39 34	38 34	44 4: 36 1:			18 1	9 32			21	29 2 19 2		
PHILACELPHIA W8 AP	MAX MIN	31 10	33 25	36 26	37 30		36 41 21 17	42 26	42 25	49	47 29	42	39 25	30 16	37 17	36 18	49 21	40 35	38 33	45 40 36 13			17 1				21 - 5	29 2 19 1		
PHILAOELPHIA PT 8REEZE	MAX MIN	30 15	33 27	38 28	39 32		38 45 31 30	42 33	40 31	47	48 40	4I 37	38 28	30 20	36 23	3 7 25	51 28	43	40 36	48 2 38 1			18 2	0 34 9 18			24 13	30 2 23 2		
PHILIPSBURG FAA AP	MAX	20	23 11	28 17	29 17		3 33		42 25	51 22	40 35	44	32	18	22	26 - 3	41 19	40	34 15	43 16			- 4 1 -19 -				17 -25	28 2 17 -		
PHOENIXVILLE 1 E	MAX	31 10	34 23	36 17	38		0 42		43 17	52 20				32 13		36 11	50 18	42 25	4 I 30	46 4: 32 1:			36 1 0 -				25 -10	2	8 37.	5
PITTS8URGH W8 AP 2	MAX	21	27 12	32 12	32		5 32 28 30		44	51 36		43	31	21	20	28 10	4I 18	44	40	45 1:	1 3	39		3 24	24	. 8	29 -10	28 2	1 29.	9
PITTSBURGH W8 CITY	MAX MIN	26 11	32 17	35 18	37 31		0 40	38 31	51 33	57 34	54	49	35 14	27	26 16	34	47 26	48	46 27	49 14	4 3	9 43	4 1		26	15		32 2	8 35.	2
PLEASANT MOUNT 1 W	MAX	5	15	23	31	30 3	2 36	32	38	35	48	39	35	33		22	25	35	40	40 40	0 1:	3 25	30 -	2 11	. 25	26		22 2	6 27.	2
PORT CLINTON	MAX		30	34 15	38	37 3	7 41	39	42	42	44	40	39	35	29	35	33	44	40	37 4	1 19	9 32		5 14	31	33	20	21 2		
PUTNEYVILLE 2 SE OAM	MAX	10	21	29	29	35 3	8 35	35	32	15	53	46		22	22	20	26	41	23 45	45 4	4 1	5 38	- 9 -1 33 -		27	7 18	-17 ·	-10 1 30 2		
QUAKERTOWN 1 E	MAX	- 1 28	32	34	36	36 3	24	40	28	50	43	31	15 36	30	34	5 32	5 45	10	16	17 (			-18 <b>-</b> 1 34 1			1	-19 ·	-20 1 28 2		
READING WE CITY	MIN	31	36	9 37	40	37 3	9 42	41	20	19	40	41	36	15 29	36	35	12 48	41	30 40	33 14 45 3			- 4 -1 14 2				-18 23		8 14. 1 35.	
RENOVO	MIN	12	30	34	29 35	22 2 35 3	7 23	32	31 37	28		35	20	16	18	30	22	31	30 40	35 1:			- 2		13		2	21 1	4 20.	
RIOGWAY	MIN	- 6 9	8	18	15 37		8 32	34	28	23		30	29	9	201	6	9	10	14	16 4			-12 -1 32 -	3 2	11	2		-11 1 30 2		
SALINA 3 W	MIN	- 3 21	- 5 27	15	18		5 18	28	28	18		34	18	5	23	8	8	8	9	47 3	0	10	6 1	8 - 5	12	2 - 2	-24 -		9 7.	5
SCRANTON	MIN	-12 8	14	12	33	12 2	7 26		26 39	26 39	35	35	12	8	11	6	15 23	15	17	23	1 9	9 6	-18 <b>-</b>	5 12	9	- 3		25 I 24 2	12.	3
SCRANTON W8 AIRPORT		18	8	18	23	32 3	3 21	23	32	32	26	34	30	11	10	5	5	16	20	21 10		9	9 1	- 2	10	6	- 5 -	- 4 1	7 13.	5
SHIPPENSBURG	MIN	7 27	18	23	22		5 23		30	25	34	35	16	10	10	6	14	25	21	33	7 7	7 9	- 5 -	3 8	13	3	- 7	17	15.	6
SLIPPERY ROCK	MIN	14	21	27	23	22 2		31	31	23	33	34	27	30 14	36	35 I 4	18	42 22	39 32	52 50 32 8	3 8	3 25	30 2	3 15	17	4	- 8	28 3	8 18.	6
	MIN	22	31 13	15	25		5 28	31 26	31	33	35	20	10	6	20			25	19	44 23			-18 -	5 12	7	- 6	26 - 8		30.	
STATE COLLEGE		10 - 3	7	28	32 23	33 3 22 2		37 29	30	26				30 10	10	9	30 9	23	23	38 43			37 -15 -1			24		21 2	7 30.	
STOYSTOWN	MAX	6	18	25	30 15	35 3 21 2		37 30	30 27	48			50 21	7	24			21	45 22	45 45 22 - 1		14	38 -18 -1		20 18		-13 -	32 2 ·13	9 31.	
STROU0S8URG	MAX	- 1	31 15	32 5	34 12	37 3 15 2	9 36	37 25	40 25	48 16	36 26	35 31	35 22	25 8	32		43 5		38 23	41 31 31			10 10						7 31.	
SUNBURY	MAX MIN	20	34 19	32 22	36 25	36 3 10 1	4 40 20	37 26	39 30	21	49 22	43	39 32	34 11	28	35 10	32 11	49 12	41 19	35 46 25 9	19	34	36 : -10 +10	21	32 11	30 4	19 -13 -	21 2 12 1	33.	
TIONESTA 2 SE DAM	MAX	- 3	20	29 11	33 12	32 3 20 2	5 32 0 21	34 26	32 28	42 19	48 18	3 8 3 2	41 13	16 3	22 8	17 3	23	40	41 12	42 40 18 - 2	12	27	16 - 1 -16 -1	15	31 10	- 21 - 4	11 -24 -	28 2 23	27.0	
TITUSVILLE WATER WORKS	MAX			28 4	28 19		8 31 7 11	28 22	39 25	44	34 29	37 27	30 4 -	17	15	18	35 7 -	39 - I	38 8	39 17 17 - 6	24	24 -	- 2 11 -22 -18	28	20	8 -13	24 - 30	23 1 13 -	25.	
TOSYHANNA	MAX			33 12	32 22	31 3 17 2	6 35	38 28	36 26	52 16	45 30	36 30	32 20	21	27	23	41 7	37 14	39 20	46 38 29 3	23	31	28 1: -11 -10	3 22	24 15	16	23 -20		30.5	
TOWANOA 1 ESE	MAX MIN	24 6			33 23	35 3 19 2	7 33 5 17	37 28		47 18	40 31	38 28	39 19	24 11	31	26	42 12	43	37 19	47 42 24 - 3	29	35	14 12	31	28				32.	
TOWER CITY I S	MAX			28		33 3 8 1	5 38	38	40 28	39 21			39 33	34	25	34	30 13		36 25	38 43 26 8			34 2						31.0	
UNIONTOWN	MAX	27		37	35	39 4 17 3	1 38	35	53 32		61	52	46		35	37		49		52 33	42	45		) 34	30	15	34	33 2		9
WARREN		22 - 6	29		33	35 3 26 2	3 34	32	40	46	38	39	36			23		41	42	42 26	26	26		3 3 3		14	32	27 2		2
WAYNESBURG I E	MAX				36	35 4 10 1	0 40	37		52 23	59	60			28	32	37 12	50		49 45	21	45	38 3	20	32	18	14	34 3:	35.1	1
WELLSBORO 3 S	MAX MIN	7	20	24	29	28 3 16 2	2 34	30	32 26	37	46	36		27	18	22	22	37	39	36 40	8	27	28 - 2	13	21	20	11	19 2	26.0	0
WEST CHESTER	MAX							48	40	42	52	44	40	38			39	51	40	41 47	23	34	40 13	25	32	35	11		36.0	0
WILLIAMSPORT W8 AP	MAX	31	33	33	36	19 2 32 3	6 34	38	15	43	38	40	38	26	31	29	41	39	35	27 11 40 29	30	35		27	28	20	18	26 21		5
	MIN	9	22	27	19	17 2	2 22	31	28	22	33	33	15	13	12	9	13	19	22	29 8			7 - 6						14.7	

# DAILY TEMPERATURES

JANUARY 196

onunued																																	
0.0																Day	OI M	onth															rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
YORK 3 SSW PUMP STA	MAX MIN	32	36 23	33 26	40 23	37	40 24	43 14	42	42	52	39 29	3 8 3 4	38 29	29 11	37 12	37 12	50 15	41	38 29	50 33	45 13	36 11	37 30	35 ~ I	23	34 18	30 21	21	2 4 -1 4	29 18	30 21	36.7 17.8

#### DAILY SOIL TEMPERATURES

-				,							_																								
	ST	ATION AND OEPTH																Day	of mo	onth															age
		ATTOM AND OCT III		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avei
ERIE	CO	FIELO RSCH LAB																																	
	8	INCHES	MAX MIN	35 35	35 35	35 35	35 35	35 34	34 34	34 34	34 34	34 34	34 34	35 34	35 34	35 34	35 35	36 35	36 35	35 35	35 34	34 34	35 34	35 35	35 34	35 34	36 35	36 35	35 34	34 34	35 34	35 34	35 34	35 34	34.9
LAND	ISV	ILLE 2 NW																																	
	2	INCHES	8AM	28	28	29	29	29	29	28	29	29	29	30	30	30	29	27	26	26	29	30	30	30	26	28	29	29	27	28	27	26	26	26	26.5
STAT	E C	OLLEGE 2																																	
	2	INCHES	MAX MIN	24 19	29 23	31 29	32 27	32 30	32 31	-	_	_	_	Ξ	_	_	Ξ	-	-	-	-	_	_	_	_	-	30 24	27 24	28 25	29 26	25 22	25 19	29 24	29 26	_
	4	INCHES	MAX MIN	25 21	28 24	31 29	31 28	32 31	32 31	-	-	_	_	-	-	-	-	=	-	-	=	-	_	_	=	-	30 24	25 23	28 26	29 27	26 23		28 24	28 26	-
	8	INCHES	MAX MIN	27 25	29 27	31 30	3 <b>1</b> 30	32 31	32 32	-	-	-	_	-	= 1	-	=	-	-	_	_	_	=	_	=	_	32 27	27 26	29 27	30 29	29 26	26 24	29 26	30 28	-
	12	INCHES	MAX MIN	33 31	32 3 <b>2</b>	33 32	33 33	33 33	33 33	-	-	=	-	=	=	-	-	-	-	Ξ	-	_	_	-	=	-	33 30	30 29	31 30	30 29	31 30		30 29		-
	16	INCHES	MAX	34 33	33 33	33 33	34 33	34 33	34 33	-	-	-	-	-	-	-	-	-	Ξ	-	-	-	_	=	-	-	35 32	32 31	32 31	31 31	32 31	32 30	31 30	32 31	Ξ

ERIE CO FIELO RSCH LAB - SLOPE OF GROUNO, FLAT. SOIL TYPE, LAKE TERRACE CLASSIFIED AS CONDITION GRAVELY LOAM, GROUND COVER, RYEGRASS AND NATIVE WEEDS, MOWEO SEVERAL TIMES EACH SEASON. INSTRUMENTATION, TAYLOR RECORDING THERMOMETER.

LANDISVILLE 2 NW - SLOPE OF GROUND, GENTLE SLOPE TO THE WEST. SOIL TYPE, OUFFIELD CLAY LOAM, GROUND COVER, PERMANENT BLUE GRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES, INSTRUMENTATION; WESTON ELECTRIC SOIL THERMOMETER,

STATE COLLEGE 2 - SLOPE OF GROUNO, GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE, HAGERSTOWN SILT LOAM. GROUNO COVER, KENTUCKY BLUE GRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER.

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	erages -		Num	ber of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7:00 AM EST	1,00 PM EST	7:00 PM EST	Trace	.0109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN W8 AIRPORT	W	11	8.1	36++	WSW	27	78	79	66	75	5	2	7	1	0	0	15	_	6.3
ERIE W8 AIRPORT	WSW	17	14.3	3 <b>2</b> ++	5	9	82	78	72	78	7	10	6	0	0	0	23	-	8.1
HARRISBURG WE AIRPORT	NW	26	7.7	35	W	27	70	73	61	66	3	3	8	0	0	0	14	50	6.0
PHILAOELPHIA W8 AIRPORT	NW	12	8.6	42	NW	27	76	77	64	71	3	5	6	1	0	0	15	57	6.3
PITTS8URGH W8 AIRPORT 2	WSW	18	8.0	28++	WSW	23	78	83	71	72	11	6	7	0	0	0	24	49	7.1
READING W8 CITY	W	-	8.8	54	W	27	-	-	-	-	3	1	7	1	0	0	12	45	6.1
SCRANTON W8 AIRPORT	SW	15	7.3	29	SW	27	72	75	65	68	7	4	7	0	0	0	18	47	7.1
WILLIAMSPORT W8 AIRPORT	W	19	8.6	32++	WSW	27	72	75	61	67	6	4	8	0	0	0	18	-	7.0

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Station	_		Τ.		_	6				10	,,	10	12	14	-	of me		10	10	20	21	20	22	24	25	26	27	20	20	20	31
ALLENTOWN W8 AIRPORT SNOWFAL	1	2	3	4 T	5	6	7	8	9	10	11	12	13 T	14	15	16	17	18 T	19	20	21	22	23	24 T	25	4.5	2.9	28	29	30	.2
SN ON G	10 6	5 B .	6 .5	4	.4	3	2	.3	.3	2	1	1	Ť	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	3	3	.3	1.0	6 .9	5	.7	.8
AUSTINBURG 2 W SNOWFAL SN ON G		6	6	6	6	T 6	6	6	6	5	5	4	T 4	4	T 4	T 3	3	3	2	2	1		2.0	3.0	4	T 4	8	8	8	8	8
BRAOFORO FAA AIRPORT SNOWFAL		16	16	16	T 13	T 13	13	T 13	13	12	T 10	8	2.3	T 10	9	9	9	9	8	7	T 7	7	9	11		1.8			17		T 18
8RAOFORO 4 W RES SNOWFAL SN ON G	NO 14	12	12	11	11	11	11	10	9	9	9	8	2.0	10	10	10	10	9	9	T 9	9	9	12	12	12	12	6.0 16			1.0	16
CANTON 1 NW SNOWFAL SN ON G		11	11	11	10	10	9	9	9	9	5	4	T 4	4	4	4	3	3	3	2	1	1	1	4.3	5	5	10	10	10	10	1.0
CARLISLE SNOWFAL SN ON G		6	4	2				T															1.5	1	1	1	5.0	5	5	4	3
CARROLLTOWN 2 SSE SNOWFAL SN ON G	10 12	12	11	10	8	8	8	8	8	8	5	5	1.0	1.0	T 5	T 5	T 5	2	1	Т	T	T	T	2.0	2	2	6	6	5	4	6
CORRY SNOWFAL		15	15	15	14	13	13	13	12	11	9	8	12	12	12	12	12	11	10	1.0	9	9	14	14	14	1.5	5.0 19	19	- 1	18	17
OONEGAL SNOWFAL			-	-	T		T -	T _	-	-		_	-	T	-	<u>T</u>	-	-	-	<u>T</u>		-	3.0	-	-	4.0	2.0	-	_	-6	Ξ
OU BOIS FAA AIRPORT SNOWFAL	L T	15	14	12	12	10	9	9	9	5	4	2	4	T 4	T 4	T 4	4	3	2	1	1	1	4.0	5	5	5	3.0	12	12	12	T 14
OU 80IS 7 E SNOWFAL		10	10	9	8	8	T 7	T 7	7	6	5	3	1.5	4	T 4	T 4	4	3	3	2	2	2	1.5	3	3	T 3	7	7	7	8	8
ENGLISH CENTER SNOWFAL		12	12	12	10	10	10	10	9	8	7	6	5	5	5	5	5	5	4	4	T	Т	T	T	T	3	7	7	7	7	8
ERIE W8 AIRPORT SNOWFAL SN ON G WTR EQU	NO 1	1	1	T 1	1	1	T 1	.5 1	1	1	T	1.0	i	2.0	.6 3 .1	7 4 .1	4.1	3	1	† <sup>7</sup>	i <sup>4</sup>	1.6 1	4.4		T 6 .5	6		11 .8	9.7	.7	.7
EVERETT 1 SW SNOWFAL SN ON G																								2.0			4.0				
FORO CITY 4 S OAM SNOWFAL		1	1	Т	Т	Т	T	T	Т	Т	Т	Т	1.0	1	1	1	1	Т	Т	Т	T	T	T	2.0	2	2	6.0	8	8	8	9
GALETON SNOWFAL SN ON G		10	10	9	9	9	6	8	7	7	7	7	7	7	7	7	7	7	7	7	T 7	7	9	3.5	12	1.0	18	16	15	14	1.0
GEORGE SCHOOL SNOWFAL		3	3	3	3	3	2	2	2	2	2	1	1	T	Т	Т	Т	Т	Т					.2 T	Т	т	3.3	3	3	3	.8
GREENSBORD LOCK 7 SNOWFAL						T	Т	Т	Т	Т			.2 T	Т										4.0	3	3	9.0	12	12	9	1.0
HANOVER SNOWFAL		5	4	2	1	1	1	Т	Т		T			T										1.0 T	Т		5.5	4	4	3	2
HARRISBURG W8 AIRPORT SNOWFAL SN ON C	NO 5			T 4	4 .8	3 . 7	T 3	7 2 .6	2 .4	Т	Т	Т	.2 T	Т									3.3	2 .4	1	3.4	6 .5	5	4	.1 3 .3	.1 3
HOLTWOOD SNOWFAL		5	4	3	3	3	2	2	2	1	Т	Т	Т	Т	Т	Т	Т	Т	т	т	Т	т	Т	2.0	1	т	5.0	4	4	T 4	T 3
INDIANA 3 SE SNOWFAL		3	3	2	2	2	T 2	T 2	1	1	Т	т	1.0	1	1	1	T 1	Т	т	т	Т	T	T	2.0	2	2	6.4	8	7	6	7
KANE 1 NNE SNOWFAL		17	15	14	14	14	13	12	12	11	10	10	2.0	T 12	T 12	T 12	10	9	7	7	T 7	T 7	2.0	10	9	1.0	13	1.0	13	13	1.0
LANCASTER 2 NE PUMP STA SNOWFAL SN ON C		6	5	4	4	3	3	3	2	2	2	1	Т	Т	Т	Т	Т	T	Т	т	Т	Т	Т	1	1	1	4.8	5	5	5	5
LAWRENCEVILLE 2 S SNOWFAR		4	4	.2	3	3	3	3	3	2	2	1	1	1	1	т	т	Т	Т	т	Т	Т	2.0	3	3	.8	4.5	8	8	9	9
LEWISTOWN SNOWFAL		3	2	1	1	1	Т																	4.0	4	, 4	3.5	6	6	3	2
MARTINSBURG FAA AP SNOWFAL		T 5	T 5	4	T 4	T 4	3	T 2	1	1			.2	Т		Т				Т	Т	Т	. 8	T 1	т	2.4 T	1.8	T 4	4	3	3
MATAMORAS SNOWFAL		6	5	4	4	4	3	2	2	2	2	1	1	1	1	1	1	1	1				ķ.	4.0	4	4	7.0	10	10	10	10
MEAOVILLE 1 S SNOWFAI		11	11	10	10	10	T 10	T 9	T 9	8	6	5	2.3	6.	.8	6	6	6	6	.1 5	5	5	7	8	7	7			11	10	10 7
MEOIX RUN SNOWFAI		10	10	T 10	10	8	T 6	T 6	T 6	6	5	4	. 8	.2	T 4	4	3	3	2	T 2	1	i	2 .9	1.8	4	4	3.8	8	8	8	1.4
MONTROSE SNOWFAI		5 2.		1.0	14	14	13	T 12	11	10	9	7	1.5	8	8	8	T 8	8	8	8	T 6	6	T 6	6.0	12	1.0	7.5		18	18	18
NEWPORT SNOWFAI		5		3	3	3	2	2	2	1	- T	т		-	-	-	-	-	-	-		-	-	3	2	2	5	5	5	5	5
PHILADELPHIA W8 AP SNOWFAI SN ON G	NO 1	1	т	, 1 T	Т	Т							Т				Т				Т		.6	T	Т	4.4	T 2 .8	2	2	1.0	T 2 .2
PHILIPSBURG FAA AP SNOWFAI				T 8	7	6	T 6	T 6	6	4	2	T 1	i	T 1	T 1	T 1	1	1	1	T 1	T 1	T 1	2.4	4	3 T	3.5	10	10	10	10	T 10
PITTSBURGH WB AP 2 SNOWFAI SN ON C WTR EQU	NO T	T		Т	Т	T	i T	il	T	Т		1.0	i <sup>4</sup>	T 1	T 1	T 1	1	Т	Т	T	T	T	3.9	7 4 .3	3 .2	4.2	8	7	T 6 .5	6 -	.5 7 .3
PLEASANT MOUNT 1 W SNOWFA		5 13	2 13	T 13	13	12	12	12	12	11	10	9	2.5	12	12	12	12	11	11	10	T 9	9	9	6.0	15	15	5.0		18	T 18	.5 18
READING W8 CITY SNOWFAL		. 4	4	T 3	2	2	1	1	1	1	1.	т	T	Т	Т	Т	Т	т	т	Т			1.2	1	1	4.2	.6	4	4	3	3

See reference notes following Station Index.

CONTINUED

# SNOWFALL AND SNOW ON GROUND

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SCRANTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T 2	T 2	T 2	.2	2	2	i	. 1 1	1	1	1	Т	2.4 T	2	2	2	1		i	Т	Т	Т	7.0 T	7	6	2.1	1.) B	8 . 5	7 . 8	1.3 7 .8	T 8
SH1PPENSBURG	SNOWFALL SN ON GND	7	7	T 5	5	4	T 4	4	.5	2	2	1	T T	T	Т	T	Т	Т	Т	Т	Т	Т	т	1.0	1.0	2	7	5.0	3	6	Ţ	5
SLIPPERY ROCK	SNOWFALL SN ON GND	1	1	1	1	1	1	1	1	1	1	1		1.0	1	T 1	1	1	1				T	1.0	3.0	3	3	3.0	2.0			1.0
TIONESTA 2 SE DAM	SNOWFALL SN ON GND	12	11	11	11	9	8	T 8	T 8	T 8	7	6	5	2.0	T 7	T 7	T 7	7	6	5	3	, 5 4	T 4	2.0	2.0	T 8	8	5.0 12	13	13	12	1.5
TOWANDA 1 ESE	SNOWFALL SN ON GND	4	T 4	4	.5	T 5	4	4	T 4	4	3	2	2	1	1	1	1	1	1	т	т	T	Т	Т	6.0	5	. 2 5	7.0 10	10			1.5
TOWER CITY 2 E	SNOWFALL SN ON GND	5	5	5	5	T 5	5	5	T 5	5	5	5	4	3	3	3	2	2	2	2	1	Т	Т		4.0	4	4	3.0	7	7	7	T 7
WAYNESBURG 1 E	SNOWFALL SN ON GND	T	T	T 1	1	1	T	1	Т	Т				. 3	1	Т	Ť					T	T		3.7	4	3	7.7 11	11	10	T 8	1.2
WILLIAMSPORT W8 AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T 5	4 .5	T 4	T 3	2 .4	2 .4	T 2	.1 2	2 . 3	1	1	Т	T	Т	Т	T	Т	Т	T	Т	Т	Т	3.9	.1	. 4	3	4.9 9 .8	8	8	.7	8

	NO.		DE T	DE	NO	T	IME A				NO,		E ÷	DE	NO	TIMI	VATION E AND	1
STATION	INDEX 1	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	1 1	PRECIP.		OBSERVER	STATION	INDEX N	COUNTY	DRAINAGE	LONGITUDE	ELEVATION		EVAP. SPECIAL	OBSERVER
CMFTONIA LOCK 3 LLEMS MILLS LLEMTOWN MB AP LLEMTOWN GAS CO LTOOMA NORSESHME CURV ROULD 2 W RENOTSVILLE JSTINBURG 2 W LEMESTOWN 3 WNW LRMES	0099 0106 0111 0134 0204 0229 0313	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR WESTMORELAND ADAMS TIOGA ALLEGNENY WARREN	1 40 34 1 41 12 9 40 39 9 40 36 6 40 30 7 40 35 15 39 55 15 42 00 1 40 39 1 41 40	78 55 75 26 75 28 75 28 77 38 77 18 77 18 77 32 79 59	1600 370 250 1500 1060 710 1590 1230	6 MID # 7A 6P 0 8A 0 7A 3P	7A 110 7A 6P 8A 7A 3P 7A	C N	CORPS OF ENGINEERS CHARLES H. ALLEN	EFGG  ETTILE CREEK DAM  KITTANNING LOCK 7  KRESGEVILLE 3 W  LAFAYETTE MC KEAN PARK  LAKE MINISINK  LAKEVILLE 1 NNE  LANCASTER 2 NE PUMP STI  LANCASTER 2 NE FILT PL  LANCASTER 2 NE FILT PL  LANCASTER 2 NE FILT PL  LANCASTELLE 2 NM	4545 4611 4672 4706 4727 4733 4758 4758		6 39 59 16 41 22 1 40 49 9 40 54 1 41 48 5 41 13 5 41 27 15 40 03 15 40 03 15 40 07	78 43 77 56 79 32 75 34 78 40 75 03 75 16 76 17 76 17 76 26	1280 930 790 720 2130 1360 1440 255 270 360	HID MID VAR 7A 7A 8A	CN	PA. TURNPIKE COMM. CORPS OF ENGINEERS CORPS OF ENGINEERS C1TY OF BETHLEREM INACTIVE 12/59 NRS. IRENE FOREHAN NRS. GLADYS REINEM.
AR CRFEK DAM AR GAP AVER FALLS AVERTOWN COTTELSVILLE LLFFONTF 4 S RNE PWICK THILENEM THILENEM THILENEM THILENEM	0457 0475 0482 0488 0530 0599 0611 0629	LUZERNE MORTNUNBLAND BEAVER SNYDER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON NORTHAMPTON	9 41 07 15 40 50 2 40 46 15 40 45 14 40 22 16 40 51 14 60 31 15 41 04 9 40 37 9 40 36	80 19 77 10 75 38 77 47 76 00 76 15 75 23	761 640 400 1111 321 570 240	BA 6P	7A 7A 3P 7A 7A 7A 8A 8 7A 6P 8A		CORPS OF ENGINEERS ROARING CREEK WATER CO. NOWARD R. KEMP MARLIN R. EITINGER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYD W. TRUMP ANER. CAR + FNORY. CO. CITY OF BETHLENEM LEHIGH UNIVERSITY	LAURELTON STATE VILLAGE LAWRENCEVILLE 2 LEBANON 4 WAW LEBANON 3 SW LENISTON LE ROY LFWIS RIN 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN LOCK HAVEN 2	4873 4893 4896 4934 4972 4984 4992	UNION TIOGA LEBANON LEBANON CARBON BRADFORO MC KEAN MIFFLIN CLINTON	15 40 54 15 41 59 15 40 21 15 40 19 9 40 50 15 41 41 1 41 50 6 40 35 16 41 08 16 41 08	77 13 77 07 76 29 76 28 75 43 76 43 78 39 77 35 77 27 77 27	880 1000 590 490 580 1040 1740 480 680 630	7A 7A 7A 8A 7A	CH	PA- DEPT. OF WELFA MARNY P. HOWLAND LEON MILLER THOMAS DONNACHIE GDOWIN S. DEFREHM LEAMON N. BAUMAN RUSSELL LINEMAN AMENICAN VISCOSE C JOHN P. FREY NUGN F. PARKER
AIM AIRSVILLE 6 ENE ARESLEEE CORNERS OSERVILLE 1 N SWELL 1 5W ADDOCK LOCK 2 TAPPORD FAM AIRPORT TAPFORD CHTRL FIRE STI AGFORD 4 W RES EEZEWOOD	0736 0743 0763 0821 0861 0865 0867 0868	PERRY INDIANA MONROE CUMBERLAND SOMERSET ALLEGHENY MC KEAN MC KEAN MC KEAN BEDFORD	15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 40 24 1 41 48 1 41 57 6 80 00	79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44	1810 725 2121 1500 1680	8P 8A 8A 8 MID H	8 A 7 A 7 A	C C H	PA. GEPT. FRST. + MTR5. U.S. MEAINER BUREAU WALTER HILDRICK MRS. BESSIE M. WILLOERS MRS. ENNA SMAULIS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD WATER GEPT. PA. TURNRIKE COMM.	LONG POND 2 W LYNCN MADERA MANAFFEY MAPLE GLEN MAPLETON DEPOT MARCUS HOOF MARIENVILLE 1 SW MARION CENTER 2 SE MARIINSBURG FAA AP	5275 5336 5342 5368 5381 5398 5400 5408	MONROE FOREST CLEARFIELD CLEARFIELD MONTGOMERY HUNTINGOON OELAWARE FOREST INDIANA BLAIR	9 41 03 1 41 36 16 40 50 16 40 53 5 40 11 6 40 24 5 39 49 1 41 27 1 40 45 6 40 18	75 30 79 03 78 26 78 44 75 11 77 56 75 25 79 09 79 02 78 19	1700	7A 7A 7A 7A 7A 6A 7A NID MIO 6P 7A MIO MIO	, c	TNOMAS MECKES CORPS OF ENGINEER NRS. JULIA J. SHO MISS ELLEN J. MIL FRANCES E. SCNEIB MRS. I. S. BUCHAM SUN DIL CO. ROY A. MARKER CORPS OF ENGINEER FED. AVIATION AGE
OOKVILLE FAA AIRPORT WEETON 1 S FFALO MILLS RESTITION 2 W RNT CABINS 2 NE TUEP TLER SUBSTATION MP KLINF NTON 1 NW	1033 1073 1087 1105 1115 1130 1135 1203	JEFFERSON ALLFGHENY 50MERSET BEOFORD WASHINGTON NUNTINGDON BUTLER BUTLER LYCOMING BRADFORD	1 41 09 10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 16 41 16 15 41 40	78 39 80 26 77 52 79 54 79 53 77 20	1417 1065 2460 1318 980 1100 1140 590	7A 5P 8A	7A 8A 7A 5P 8A 7A	С С С Н	CLOSEO 07/26/62 AUSTIN R. COOPER ALVIN W. MANGES CLIFFORO C. ADAMS SMITH THP. MUN. AUTN. PA. TURNPIKE COMN. ROGER CLARK WEST PENN POWER CO. LESLIE D. OOWLING NRS.MILDRED SPENCER	MATAMORAS MC CONNELLSRUPG MC KFFSRGR7 MFADDW RUN RONDS MEADVILLE 1 5 MEDIX RUN MFRCER 2 NNE MEPCER NIWAY SNED MERCEPSRURG MERCEPSRURG MERKH NEGURG	5573 5601 5606 5627 5651 5654 5662	FULTON ALLEGHENY LUZERNE CRAWFORD	5 41 22 12 39 56 10 40 21 15 41 13 1 41 38 16 41 17 2 41 15 2 41 14 12 39 49 9 40 58	74 42 78 00 79 52 75 40 80 10 78 24 80 13 80 15 77 54 75 28	439 895 720 1995 1065 1100 1160 1250 615 985	7A 8A 8A 7A 7P 7A 8A 8A	C M C H	HARRY BISLAND MRS. NELEN M. SHI U.S. CORPORATION GEORGE PEARAGE CITY DF MEADVILLE MRS.E. M. SHYDEN MRS. FRAN. STRUTH PA. GEPT. HIGHMAY ROLLIN P. GILBERT ARTNUR A. SHITH
RLISLE PROLLTOWN 2 SSE PTER CAMP 2 W DAR PUN ANDOS FORD AMBERSBURG 1 ESE ARLERO! ARLERO! ARLERO! ARLERO! ARLERO! ARLERO! ARLERO! ARLERO!	1255 1262 1301 1342 1354 1372 1377	CUMBERLAND CAMBRIA POTTER LYCOMING DELAWAPE FRANKLIN WASHINGTON WESTNORELAND CENTRE CLARION	15 40 13 16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 08 10 40 09 16 41 03 1 41 12	77 27 75 37 77 38 79 55 79 54 77 56	465 2040 2030 800 170 640 1040 749 1410 1114	90	6P. 8A! 7A 7A 7A 9P 7A 7A	C C C	CARROLL G. MILLER ROBERT F. MAURER RICHARD L. MENLEN KATHRYM T. KREIGHBAUN E. BARL TOUGHTON CHARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS MISS VELOA SWANCER PA. ELECTRIC CO.	MEYERSDALF MILAN 2 N MILANVILLE MILLEPSRING 2 E MILLEPSRING 2 E MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND OAR MONTGOMERY LOCK AND OAR MONTGOMERY LOCK AND OAR MONTGOMERY LOCK AND OAR MONTGOMERY LOCK AND OAR MONTGOMERY LOCK	5731 5738 5775 5790 5817 5825 4 5902 5915	SOMERSET BRADFORD WAYNE DAUPHIN CENTRE COLUMBIA NIFFLIN BEAVER SUSQUEHANNA RERKS	17 59 49 15 41 56 5 41 40 15 40 32 15 40 53 15 41 66 6 40 43 11 40 39 15 41 50 15 40 09	79 01 76 31 75 04 76 56 77 29 76 34 77 35 80 23 75 52 75 54	2100 770 760 560 1079 860 770 692 1560 595		С С С	PAUL E. FULLER CHARLES E. STROUD CHARLES W. DAVIS RUSSELL SMEPLEY NEVIN E. BOWERSOR KENNETN LEIGHOB THOMAS C. MARBESO CORPS OF EMGINEER
USSVILLE 1YSVILLE 3 W PARFIELD PROMIT 4 NW 1YFSVILLE 1 SW PFLUENCE 1 SW DAM PFLUENCE 1 NW PFLUENCE 1 NW NEAUTVILLE	1512 1519 1529 1534 1589 1705 1710 1720	LEHIGH WASNINGTON CLEARFIELD MC KEAN CRESTER SOMERSET FAYETTE CRAWFORD CRAWFORD	9 40 37 11 40 07 16 41 01 1 41 41 5 39 58 17 39 48 17 39 50 6 41 45 1 41 46	75 39 60 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 80 15	670 1000 1100 2104 1620 342 1490 1331 1000	5P 8A 8A	8A 7A 7A 8A 8A 8A 8A 8A 8A 8A	c	WILLIAM J. DOTTEREM MFGRS. L. + H. CO. IRA TAYLON MRS. TILLIE M. SIMUNOS MRS. TILLIE M. SIMONDS PHILA. ELECTRIC CO. CDRPS OF ENGINEERS JDNN L. REID S. CARLYLE SHELOON HANGED TO EDINBORD 6 SW	MT GRETNA 2 SE HOUNT UNION 1 N MUHICHOURG 1 SE MUBRYSVILLE MYER STOWN NATRONA LOCK 4 NEFFS HILLS 3 NE RESHAMINY FALLS NFW CASTLE 1 N NEWELL L	6067 6090 6111 6126 6151 6174 6194 6233	LANCASTER MIFFLIN LUZERNE WESTNORELAND LEBANON ALLEGHENY NUNTINGDON BUCKS LAWRENCE FAYETTE	15 40 14 6 4D 24 15 41 13 10 40 26 14 40 22 1 40 37 6 40 40 5 40 09 2 41 01 10 40 05	76 26 77 53 76 08 79 42 76 18 79 43 77 55 74 57 60 22 79 54	820 1110 900 480 800 900 60 825	#ID #IO #A 7A #ID 5P 7A 12M 12M	c c	PA. TURNPIKE COMM MT. UNION WATER W IMACTIVE 2/50 OAVID C. SNAW MRS.CATHLEEN WAND CORPS OF ENGINEER PA. STATE UNIVERS PHILA. SUB. WATER LEWIS W. HAMILTON GENERAL CHEMICAL
INELLSVILLE INELLSVILLE 2 E INSHOHOCKEN IX SBURG IAOPOLIS NEVILLE IS IRY IDERSPORT 3 NW IDERSPORT 6 E INGTON 2 WSW IEKSIOE	1729 1737 1749 1773 1790 1806 1809 1833	ERIE POTTER POTTER	17 40 01 17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 46 15 41 44 1 40 41	79 36 79 33 75 19 79 13 80 05 79 39 78 03 77 53 77 07 79 12	870 1300 70 1180 720 1440 2020 2425 1745 1035	6P 7P	8 A 8 A 8 A 8 A 6 P 8 A 7 A	С	MARSHALL 8. MENEFEE NARRY C. JOY PHILA. ELECTRIC CO. PA. DEPT. FRST. * NTS. PGN. CORE * CREM. CO. RICHARD T. NOUNTAIN MISS ELIZABETH NEFF MRS. NENRIETTA D DEITER CALVIN N. PACKARO CORPS OF HIGHERNS	NEW PARK MEMOPOT NEW STANTON NEW STANTON NEW TRIPOLI NORPISTOWN NORTH ERST 2 5E OPWFLL 2 NW PALM PALMEPTON PARKER	6326 6370 6396 6622 6681 6689	PERRY WESTMORELAND LENIGH MONTGDMERY	15 39 44 6 40 29 10 40 13 14 40 41 14 40 07 8 42 12 15 41 55 14 40 26 9 40 46 1 41 05	76 30 77 08 79 36 75 45 75 21 79 49 76 18 75 32 75 37 79 41	570 75 1060 1340 385	6P 7A 7A MID MID 6P MID 8A 9A 8A 8A MID MID 7A	BA C	CLINTON J. ALLEN MRS. FRANCES K. F PA. TURNPIRE COM FRED C. OSMALD BOROUGH OF NURRIS ELLSWORTH WEAVER ELMER T. MOORE MRS. HELEN ESCHBA NEW JERSEY ZINC LOUIS A. MALARKEY
SSON 2 5E STER CITY 2 W VVILLE VAULT 1 W SGNAN5 FERRY ON LEGAL ORB ORB FTWOOD	1978 / 2013 / 2116 (2160 / 2171 (2183 / 2190 ) 2221 (	YYONING WESTMORELAND WASHINGTON	6 40 27 1 41 55 15 40 58 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 18 16 41 20	78 34 78 41 76 37 75 33 74 52 75 57 79 23 79 52 75 08 78 08	430 750 1746	MID H	7.A 1.D	CCH	FRED A. PLEMPEL INACTIVE 12/59 MRS. MARIE H. LITTLE PA. TURMPILE COMM. TNOMAS A. MOTALEN NAROLO J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES GEORGE MARI SIDNEY KENNEDY	PARKER I E RAURACK 2 WMW "PHIL PREFFL INST OF TEC PHILADELPHIA PT RREZE PHILIPSBUPG FAA AP PHOENIXVILLE I E RIEES CREEK PITTSBURGH WB AP 2 PITTSBURGH WB AP 2 PITTSBURGH WA CITY	6762 6879 6889 6899 6916 6927 6939	CLARION PIKE PHILADELPHIA RHILADELPHIA PHILADELPHIA CENTRE CHESTER LUZERNE ALLEGHENY ALLEGHENY	1 41 06 5 41 24 14 39 57 5 39 53 5 39 55 6 40 54 14 40 07 15 41 18 11 40 30 11 40 27	79 40 75 14 75 11 75 15 75 12 78 05 75 30 76 08 80 13 80 00	7 32 1918 105 1320 1151	8A MID MID MID MID MID MID MID MID 5P MID 7A MIO MID MIO MID	C H. C H. C H. C	P. M. NEELY MISS L. VETTERLE: FRANCIS K. DAVIS- J U.S. WEATHER BURE ATLANTIC REFINING FED. AVIATION AGE PHILA. SUB. WATE MARRY SHELDON J U.S. WEATHER BURE U.S. WEATHER BURE U.S. WEATHER BURE
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### STATION INDEX

																		1903
STATION	O COUNTY	DRAINAGE 1	LONGITUDE	VATION	TIME	EAVE SPECIAL	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION	T	BERVATIME AN TABLES	D	OBSERVER
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T-ALLEGHENY, Z-BEAVER, 15-SUSQUEMANNA, 16-WEST BRANCH,

4-CONEMAUGH, 5-DELAMARE, 6-JUNIATA 7-KISKIMINETAS, 8-LAKE ERIE, 9-LEMIGH, 10-MONONGAHELA, 11-ONIO 12-POTOMAC, 13-LAKE ONTARIO, 14-5CHUPIKILL, 17-YOUGHIOOMENY,

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temporature in 'F, precipitation and evaporation in inches and wind novement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation.

Normals for all etations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations and on ground values are at 7:00 a.m., E.S.T.

- In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following Recording Rain Gage Station. Howrly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. "Soil Temperature" Table.
  "Soil Temperature" Table. Obsission of data in any month indicates no snowfall and/or snow on ground in that month.
  "Suppresentable Data" Table.

record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
erpolated values for monthly precipitation totals may be found in the annual issue of this publication.
record in the Supplemental Data" Table; "Daily Precipitation" Table; "Dayporation and Wind" Table; "Daily Date Data" Table; "Snowfall and Snow on Ground" Table; and the

Interpolated values for southly precipitation totals may be found in the annual issue of this publication.

No record in the Supplemental Date "Eable; "Daily Precipitation" Table; "Exporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

And also on an earlier date or dates.

Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

Theremoeters are generally exposed in a shelter located on the roof of a building.

Theremoeters are generally exposed in a shelter located on the roof of a building.

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This entry in time of observation column in Station Index means after rain.

Theremoeters are generally exposed in a shelter located on the roof of a building.

This entry in time of observation column in Station Index means after rain.

One or more days of record missing: if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station have been adjusted to represent the value for a full month.

Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

This entry is time of observation mission ledge means observation made near summent.

Includes total for previous months.

This entry is time of observation column in Station Index means variable.

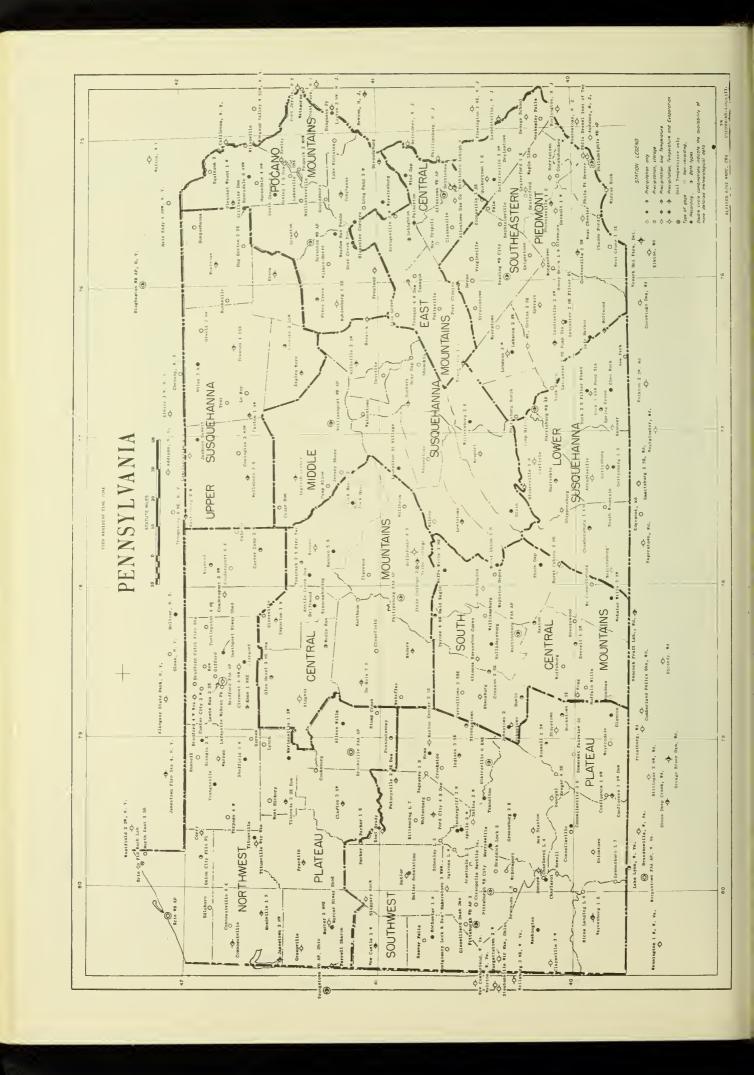
Vestber conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes is locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Nashington 25, D. C. for 65 cents. Siliniar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatiological Data for the respective stations, other as included above, price 15 cente.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Resistance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 1/23/63 - 1000



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## U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

FEBRUARY 1963 Volume 68 No. 2



MAY 2 1963 ENVERSITY OF HUNOIS

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NORTHWEST PLATEAU																								
BRADFORD FAA AIRPORT 8RADFORD 4 W RES CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE CORRY COUDERSPORT 3 NW DU BOIS FAA AIRPORT EAST BRADY ERIE WB AIRPORT FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEADVILLE 1 S MERCER 2 NNE TIONESTA 2 SE DAM TITUSVILLE WATER WORKS WARREN	24,4 28,9 32,3 29,0 28,8 27,0 26,0 34,9 27,3 32,0 31,4 31,5 27,9 26,8 31,2 27,6 26,8	3.6 2.1 4.5 2.6 2.8 5.1 -1.1 7.1 5.3 9.0 17.0 17.0 19.0 1.9 1.4 4.5 2.2 -2.2 -2.4	14.0 15.5 18.4 15.8 17.0 13.0 16.6 20.1 18.2 24.5 14.9 11.2 14.7 17.9 12.7 12.7 12.9	- 8.8 - 8.2 - 5.8 - 8.6 - 8.4 -11.5	480 500 451 500 494 549 549 549 549 549 549 549 549 549	6 6 6 6 6 6 6 6 6 7 7 7 7 6 7 6 6	-20 -28 -25 -37 -25 -23 -28 -10 -25 -11 -6 -27 -21 -24 -31 -22 -28 -27 -21 -22 -20	27+ 27 26 27 27+ 27 26 27+ 27 26 27+ 27 27+ 27 27+ 27 27- 27- 27- 27- 27- 27- 27- 27- 27-	1421 1381 1300 1376 1371 1342 1453 1351 1248 1306 1127 1296 1316 1402 1316 1453 1473 1274	0	18 14 17 14 18 20 19 11 17 15 12 14 14 19 15 14 15 22	28 28 28 28 28 28 26 25 28 28 28 28 28 28 28 28 28 28 28 28 28	14 12 13 15 12 16 12 12 10 14 16 14 16 14 17 14	1.91 1.58 1.96 1.66 1.08 1.17 1.27 2.28 2.77 .95 1.08 1.43 1.00 .91 2.01 1.13 D 1.90 1.76 1.68	- 1.7 - 1.3 - 1.2 - 1.6 - 1.5 - 1.3 - 1.3	37 21 30 32 35	62 38 59 36 25 55 52 47 32 22 47 32 22 47 41 41	2 24 3 21 24 3 24	26.7 23.5 22.00 17.5 15.00 20.5 23.1 12.3 14.00 25.00 25.00 21.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5	17 24 9	28- 1 1 13 28- 28- 28- 28- 28- 28- 28- 28- 28- 28-	+ 64 4 33 4 4 33 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000
DIVISION			16.5	-10.2										1.55	- 1.0				1700					
POCONO MOUNTAINS BEAR CREEK DAM FREELAND HAMLEY PLEASANT MOUNT 1 W SCRANTON W SCRANTON W STROUDSBURG TOBYHANNA	26.7 29.2 31.0 26.1 29.1 28.4 31.6 29.3	0.9 9.8 - 1.3 - 0.4 8.3 10.2 6.4 5.8	13.8 19.5 14.9 12.9 18.7 19.3 19.0 17.6	- 6.3 - 9.9 - 8.0 - 9.8	47 46 52 45 48 44 49	7 7 7 6 6	-16 -12 -20 -17 -10 - 9 -11 -18	8 27 9+ 9 8 17	1427 1265 1398 1455 1288 1272 1281 1323	0 0 0 0	17 17 20 18 18 16		8 18 17 5 7 11	1.98 D 2.10 2.25 2.24 D 2.97 1.95 2.36 2.26		35	.44 .60 .52 .50 1.00 .60 .79	20 3 3 13 2	20.0 21.6 21.1 20.9 18.6 18.0 15.0 24.6	16 10 25	20 15 26 24	+ + +	7 0 6 2 8 1 6 2 7 1	0 0
DIVISION			17.0	- 9.2										2.26	- •	35			20.0				ŝ	
EAST CENTRAL MOUNTAINS																			10					
ALLENTOWN WB AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON	31.4 31.5 32.0 31.5	12.5 12.4 M 12.1 4.8	22.0 22.0 M 22.1 18.2	- 7.2 - 8.5 - 7.5 -11.8	45 48 48 50	7	- 3 - 3 - 4 -10	8 27+ 17+	1198 1200 1195 1307	000	16	28	2 0 3 10	2.55 2.57 2.53 1.80 2.08	-	09 12 06 69 73	.70 .85	12	12.4	5	2	+	7 5 5	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
DIVISION			21.1	- 8.6										2.31	- •	36			11.4					
SOUTHEASTERN PIEDMONT  COATESVILLE 1 SW DEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORD 1 E HOLTWOOD LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LEBANON 4 WNW MARCUS HOOK MORGANTOWN MT GRETRA 2 SE NORRISTOWN PHIL DREXEL INST OF TEC PHILADELPHIA WB AP R PHILADELPHIA WB AP R PHOMIXVILLE 1 E OUAKERTOWN 1 E READING WB CITY WEST CHESTER  DIVISION	33.7 34.4 34.2 33.5 32.8 34.1 35.4 30.9 31.1 37.2 37.2 37.2 37.2 33.8 37.0 36.3 35.3 35.3 35.3 35.3	13.7 14.8 14.8 11.7 13.1 17.9 14.13 9.4 11.1 21.4 13.4 11.1 11.7 12.8 14.5 13.8 14.5	23.7 24.4 24.5 24.0 26.0 26.0 26.2 21.1 29.3 25.3 27.7 28.2 26.5 29.8 26.7 24.3 26.2 23.9	- 7.9 - 8.4 - 7.2 - 7.6 - 7.2 - 6.7 - 6.0 - 6.8 - 7.2 - 9.6	5 3 9 5 1 4 9 6 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6 11+ 19+ 7 18 21+ 7 21 6 6 6 6 6 6 6 6 6	- 1 - 1 - 5 - 6 - 7 - 7 - 7 - 7 - 7 - 7 - 7	8 27 9+ 9 27+ 17 16+ 27 3 23+ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1131 1126 1141 1172 1087 1120		11 11 10 14 11 15 17 9 9 13 10 10 10 10 10 10 10 10 10 10 10 10 10	28 28 27 27 28 28 28 25 27 28 26 26 28 25 28 26 28 25 28 26 26 28 28 28 28 26 26 26 26 26 26 26 26 26 26 26 26 26	0 0 0 0 0 0 0 0	1.92 2.19 2.06 2.43 2.25 2.23		71 16 39 97 31 39 61 43 46 41 79	.67	19 12 20 20 12 3 12 19 19 12 12 12 12 12 12	6 11 9 3 6 10 7 2 4 4 13 8 6	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 19 20 10 10 10 10 10 10 10 10 10 10 10 10 10	;+ ;;+	4537456546444555	22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LOWER SUSOUEHANNA																0,		20	12	,	6 20		5	1 0
ARENDTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG HANOVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	32.3 31.5 34.1 33.8 32.8 33.9 33.8 32.9 34.7 35.7	9.8 12.1 13.0 12.9 14.0 13.8 16.6 11.6 14.2	21.1 21.8 23.6 23.4 23.4 23.9 25.2 22.3 24.5 24.8	-10.2 - 9.1 - 9.2 -10.2 - 9.5 - 7.4	50 51 51 51 52 51 52 51 52 51 52 51 51 51 51 51 51 51 51 51 51 51 51 51	7 6 6 7 7 6 7 6 7 6	-	5 27 1 16 3 17 7 16 0 17 1 17 1 17 3 17 0 22 3 16 7 16	110	2 (2 (3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	14 11 15 12 13 15 15 15	28 28 28 28 28 27 28	2 4 3 1 0 0 3 4	1.44 1.81 2.03 1.70 1.82 1.83 1.72 2.14		94 82 71 29 78 79 48 63	.61 .51 .51	20 12 3 19 3 20 9 20 7 19	12 • 11 • 14 • 7 • 20 •	6 9 1 0 1 5 2 4 1	6 20 6 13 7 12 0 19 0 20 5 13 7 19 1 20 9 19	3 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4 4 3 4 4 5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
DIVISION			23.4	- 9.3	3									1.84		55			13.	5				
MIDDLE SUSOUEHANNA																							4	2
BERWICK ENGLISH CENTER LEWISTOWN MILLYILLE 2 SW NEWPORT SUNBURY TOWER CITY 2 E	30.7 30.3! 33.4 28.1 33.3 31.9 29.4	10.2 3.8 8.2 6.8	19.7 16.1M 21.8 16.0 20.8 19.4 18.1		51 55 45 51 51	1 7 5 7 5 19 6 7 1 19	- :	8 17 4 28 8 27 6 28 4 8	136	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		28 28 28	15 4 14 6 13	1.46 1.88 1.90 1.92		47	.50 .51 .51 .51	3 20 9 3 2 3 8 3	12. 12. 13. 10.	0 1	6 20 5 20 7 1	0+00	6 3 5 4 4	2 0 2 0 1 0 1 0 2 0 1 0 2 0

See Reference Notes Following Station Index

### CLIMATOLOGICAL DATA

Temperature

PENNSYLVANIA FEBRUARY 1963

Precipitation

NTINUED

				1011	perdi	010												Preci	ipitation					
										ı	No. of	Doy	9						Sno	w, Sleet		1	No. of D	Doy
Station	Average	Average	Averoge	Deporture From Normal	Highest	Date	Lawest	Dote	Degree Days		32° or Below		Below	Totol	Departure	From Narmol	Greatest Day	Date	Tatol	Max. Depth an Graund	Date	.10 or More	.50 or More	100
IAMSPORT W8 AP	31.0	10.3	20.7	- 8.5	48	18	- 5	27	1235	0	16	28	7	1.73	-	.78	• 53	19	13.6	8	19	4	1	0
IVISION ER SUSQUEHANNA			19.1	-11.1										1.86	-	• 42			12.2					
TINBURG 2 W TON I NW TON ES MERE TENCEVILLE 2 S ROSE TROSE .3 24.9 31.9 24.3 32.5 25.1 32.4 25.3	2.6 4.5 2.0 3.2 5.0 2.2 8.0 3.3	15.5 14.7 17.0 13.8 18.8 13.7 20.2 14.3	- 7.4 - 7.4	51 49 45 50 45 47 47	7 7 7 6 19 18 19+	-15 -10 -12 -14 -18 -16 -14 -12	9+ 1	1380 1404 1340 1428 1289 1431 1246 1414	000000	16 20 14 19	28 28 28 28 28 28	14 16 14 13 14	.81 .74 D 1.98 1.92 .73 2.03 1.16 .98		.94	• 22 • 45 • 55 • 23 • 63 • 38 • 37	13 13 19 3 13	8.0 8.2 15.8 20.0 7.5 22.5 14.9 11.5	8 10 10 22 8 21 9	28+ 28+ 1 22+ 20+	7 5 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000	
TRAL MOUNTAINS																								
LEFONTE 4 S 201S 7 E 201S 7 E 4 HAVEN 4 HAVEN 6 LIPSBURG FAA AP 200 200 200 200 200 200 200 200 200 20	30.4 30.1 26.6 30.7 27.3 26.8 31.3 27.9 28.8	7.1 3.9 - 2.1 5.0 - 0.4 5.7 3.0 - 1.4 7.7	18.8 17.0 12.3 17.9 13.5 16.3 17.2 13.3 18.3	-12.2 -11.7 -11.0	53 49 48 50 51 50 49 52	7 6 7 19 7 6 19 7	- 7 -36 -26 -11 -24 -12 -14 -27 - 5	27 27 28+ 27 27 27	1294 1342 1472 1312 1437 1358 1333 1446 1302	0000000	19 18 18 18	28 28 28 28 28 28 28	12 18 12 16 13	1.24 1.68 1.43 1.32 1.57 .88 1.33 1.60 1.25	-	.89 .86 .79	.40 .36 .33	3 20 20 19 20 3	14.0 21.0 18.0 16.3 23.3 7.3 9.0 20.8 18.1	14 9 14	20 28 28+ 2+	4 7 5 4 5 3 3 6 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000
DIVISION			16.1	-10.9										1.37	-	1.01			16.4					
TH CENTRAL MOUNTAINS		1																						
OONA MORSESHOE CURVE NT CABINS 2 NE SSBURG KETT 1 SW IINGDON ISTOWN  INSBURG FAA AP DIVISION JTHWEST PLATEAU	33.1 37.8M 30.1 31.2 33.1M 30.3 34.9 32.3	9.4 8.7	22.0 24.9M 19.8 20.0 21.7M 20.7 24.0 23.2	- 7·1 - 7·4 - 8·9 -10·7	55 57 52 60 53 56 60 52	6 7+ 6 7 7 7 6 6	-12 - 8 -11 - 6 - 4 - 8 - 4	16 26 23 16 27 22	1199 1118 1258 1256 1207 1234 1144 1165	00000	16 17 14 15	28 27 28 27 28 27 28	11 5	1.80 D 1.54 2.42 1.63 1.94 D 3.23	-	.67 .48 .13 .16	.43 D .55 .65 .93 .65 .75	12 20 20 2	21.0 11.4 23.0 13.5 22.9 9.0	14 0 11 6	19 28 3 21 21+	7 6 9 4 4 9	1 0 1 0 2 0 3 0	000000
RRSTOWN 3 WNW RSVILLE 6 ENE EETISTOWN 2 W ER  SVILLE 3 W LUENCE 1 SW DAM GAL  RA  CITY 4 S DAM ANA 3 SE ON CENTER 2 SE GOMERY LOCK AND DAM CASTLE 1 N LL STANTON SBURGH WB AP 2 //F SBURGH WB CITY FEYVILLE 2 SE DAM NA 3 W PERY ROCK STOWN NTOWN IESBURG 1 E		11.3 10.4 3.6 4.0M 10.4 5.9 7.2 15.1 4.3 7.6 7.8 13.5 9.9 14.4 10.2 10.1 16.6 2.8 M 10.4	21.6 20.1 17.3 18.0M 23.2 19.1 19.6 26.3 17.5 20.2 218.4 22.4 19.3 22.4 19.3 20.7 16.6 M	-12.5 - 8.4 - 8.6 - 8.2 - 9.9 - 8.3	52 51 52 54 57 59 55 53 54 48 56 50 50 50 50 50 50 50 50 50 50 50 50 50	6 6 7 7 6 7 6 6 6 7 6 6 6 7 6 6 6 7 6 6 7 7 6 7 6 7 7 6 7 7 6 7 7 6 7 7 7 6 7 7 7 7 7 6 7 7 7 7 7 7 6 7	-16 -20 - 6 -19 -25 -19 - 18 - 8 -12 - 9	27 27+ 27+ 28+ 27 22 16 27 27 27 26 16 27 27+ 27+ 27+	1210 1254 1329 1310 1164 1280 1077 1325 1248 1299 1135 1202 1125 11273 1110 135 1273 1110 135 1245	0000000000000000	15 14 11 13 15 9 14 13 17 11 12 11 14 15 15 11 11 11 11 11 11 11 11 11 11 11	27 28 28 28 28 28 28 28 28 28 28 28 28 28	8 8 12 13 6 9 10 4 10 9 10 4 7 8 0 11 8 12 5 8	1.92 5.08 1.99 2.23 1.84 2.54 3.35 1.96 2.62 2.65 2.93 1.41 1.37 2.60 1.95 2.07 2.12 1.97 1.50	-	.34 .67 .34	.31 .73 .42 .36 .74 1.055 .46 .63 .822 .68 .30 .00 .44 .65 .57 .68 .45 .57	2 3 2 4 2 0 0 2 1 9 3 3 3 3 3 2 8 1 1 2 2 2 3 3 2 3 2 3 2 3	16.7 40.5 12.6 16.3 28.7 12.8 14.5 17.2 22.8.6 10.5 20.4 11.4 25.3 14.5 11.5 11.5	14 22 7 6 9 4 7 6 2 2 9 10 5 4 6 9 5 7 7	1 27+ 1 21 22+ 1 1 28 1 24 1 24 1 28 28+ 21	9 13 7 8 6 11 7 10 6 12 7 6 10 8 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000100000000000000000
IVISION			20.9	-10.2										2.29	_	.29			18.0					

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 70° on the 6th at New Stanton

Lowest Temperature: -37° on the 27th at Clermont 4 NW, and on the 26th at Titusville Water Works

Greatest Total Precipitation: 5.08 inches at Blairsville 6 ENE

Least Total Precipitation: 0.39 inch at North East 2 SE

Greatest One-Day Precipitation: 1.05 inches on the 2d at Donegal

Greatest Reported Total Snowfall: 40.5 inches at Blairsville 6 ENE

Greatest Reported Depth of Snow on Ground:  $\,$  31 inches on the 26+ at Lewis Run 3 SE

	_	_											Day	of Mo	onth			-	-										FEBRUA
Station	Total	1	2	3	4	5 6	7	8	9	10	11	12			15		17	18	19		-	22	23	24	25	26	27		29 30
ACMETONIA LOCK 3 ALLENTOWN WB AP P ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENDISVILLE	2.13 2.55 2.57 1.80 1.55		7 •59 •13 •43 •08	.58 .49 .05			т		.03	*18 *05 T *15	•26 •12 •12 •13 •03	.03 .82 .62 .12	.13 T .23 .03	•04 T	•04 T •05	T			.62 .40	.70 .03 .55	*15 T T *06			•18 •32 1 •10	•13 •03 •25 •05 •12	.03		• 08 T T • 05	
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAR GAP	.81 1.92 2.05 1.98 2.04		.07	•05 T •60 •44 •50		т т		T T	+21	. I 2 . 05	13 •12 •15 •14	• 21 T • 40 • 48	.37 .04 .10 .25	T • 25 • 10	T • 06				•05 •27	.06 .41 .20	•15 •31 •47 •04	T	T	.03 .27 .28 .13	*12 *10 *16 *02	. 05 T		1 •14 •06	
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BERNE	1.72 1.36 2.36 1.24 1.93		T •02 •12	.33 .43 .40 .25		•03		Т		*17 T T *09	.02 .02 .11 .07	1 •11 •48	.24 .26 .16 .25	* 02 T	T • 02 T	T				.03 .45 .61 .45	.24	Т	Т	.21 T	.04 .05 .45 .13	.07 T .03 T		*14 T	
BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N	1.71 2.18 2.53 5.08 1.44		.53 * .56 .73	.51 T			T T	•01	•11	.03 .04 .29	.07 .11 .16 .48	.31	18 .01 .13 .21	T •44	*16				.30 .56 .53	•52 •05 •46	.26	т		.22 .34 .56	.28 .01 .46	•02		T •54 T	
BOSWELL 1 SW BRADDOCK LOCK 2 BRADFORD FAA AIRPORT BRADFORD CNTRL FIRE STA BRADFORD 4 W RES	2.79 2.33 1.71 1.44 1.58	T	T T •04 T •38	.68 .70 .01 .32	T T	T T T	T T	Ŧ	.02 T	•34 •12 •07 •04 •04	.19 .28 T	.05 .26 .01	.20 .30 .05 .16	.04 .02 .08 .03	•17 •07 T •06 •02	. 02 T T	Т	•01	.08	.49 .22 .62 .11	.21 .15 .05 .22	.02 T .01	T T	.08 .19 .53 .25	.06 .11 .04 .10	.04	T	•10 •08 •05 •04 •06	
BREEZEWOOO BRUCETON 1 S BUFFALO MILLS BURGETTSTOWN 2 W BURNT CABINS 2 NE	2.09 1.14 1.99		* •18 •02 •20	.34				т	* •07	• •06 •18 •03	•40 •25 •10	.17	•40 •32 •13	•07 •02 •07	•05				.55 D .20	.18	•13	٠	٠	• 28	•12 •01 •08 D •03	.07		•07 •07 •04	
BUTLER CANTON 1 NW CARLISLE CARROLLTOWN 2 SSE CARTER CAMP 2 W	2 • 2 3 • 7 4 1 • 8 1 2 • 1 1 1 • 1 8		•10 •45 T	.42 •19 T •54 •28		Т		Т		*04	.40 T .07	•63	.19	*17 T *04	∙06 •05	.01			.53	•13 •22 T •45 •25	.30 T .05	т		* T • 13 • 24 • 08	-05	) T		*15 1 T *05	
CEOAR RUN CHAOOS FORO CHAMBERSBURG 1 ESE CHAPLEROI LOCK 4 CLAPENCE 1 E	1.36 2.26 2.01 1.89	T	•12 •49 T	•55 •27 •37 •23			•01	•02	т	•03 •01 •28 •05	.02 .04 .07 .26	.61 .68	.25 .13	T .01 .04	•09 •04 •03				.73	.28 .73 .27	.03	т		.02 .02 .04	+22	.06	5	T •06 •09	
CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELO CLERMONT 4 NW	1 • 9: 2 • 0: 1 • 8: 2 • 2: 1 • 6:	5 4 T 2	.01 .11 .02 .02	.59 .47 .21 .46		т		T •02		.08 .14 .20 .16	•16 •16 •24 •12	• • • • • • • • • • • • • • • • • • • •	.17	•02 •02 •06 •03	•04 •02 •08 •05	T				.24 .48 .25 .40	.20 .11		т	.25 .36 .25	•13	2 .09	9 • 02	•18 •02 •09 •04	
COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW CONNEAUTVILLE CONNELTVILLE	2.0 2.5 2.9 1.0 2.5	7 4 1 4 T	.07 .07 .05	.33 .68 .84		т		T T		7 •29 •30 •09 •19		6 •06 7 •08 L T	•11 •19 •03	.02 .03	.07 .03 .12	T			т	• 57 • 74 • 79 T	.07 .13	. 06	5	•0	7 .02 5 T	2 .1	3	.02 .02 .07	
CONSHOHOCKEN COOKSBURG CORAOPOLIS NEVILLE IS CORY COUGERSPORT 3 NW	2 • 4 2 • 1 * 1 • 1 1 • 2	7	•12 * •23	.5: .44	1   4	T T •01	T T	T T	•	T * *04 *03	.0: .2: .4:	5 T 3 8 •03	.23	.03	•02		Т		Т	.79 .22 .29 .06	. 23 . 05	.02	2 T	* * *2		2 .0 0 .0 3	3	•14 • •07 •06	
COUDERSPORT 6 E COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE OANVILLE	I •5 •7 2•7 2•3 1•9	4 6 3	T T	• 20 • 26 • 80 • 42	2	T	т	Т		.08 T .20	• 0	7 T 6	.30 .17 .27 .26	• 06	. O 5					.16 .46 .56	.11	1 5		T *2 T	•2 o T •1	6 .1	5	T T •11 •06	
DEVAULT 1 W DIXON DONEGAL DONOPA OOYLESTOWN	1.8 1.9 3.3 1.9 2.3	8 5 6 T	+34 T 1+05 -41 +30	. Т			т	т	•24		• 0	5 • 25 3 • 18 4 • 03	6 • 45 8 • 05 8 T	1 •18 •02	•05 •07				.8 .2 .4	0 •30 9 •0	•3:	3		• 2 • 0 • 1 • 1	1 •1 4 •1 5 •0	2 .0 7 6 T	3 T	·16 2 ·15 •10	
OU BOIS FAA AIRPORT OU BOIS 7 E OUSHORE 2 SSW EAGLES MERE EAST BRAOY	2.2 1.6 1.4 1.9 2.7	2	•55 •40 T	•3		Т	T	т	* 01 T	+ 09 T	•1 •0 •1	2 •15 8 T	.03 .48	.11 T	. T		•10	)	:1		0 .0	7 T 5	Т	•3 •2 •0 T	5 +0 5 T	.8 .0		2. •12 •16 •05 •08 •20	
EBENSBURG EMPORIUM 1 N ENGLISH CENTER EPHRATA EOUINUNK 2	2 • 4 1 • 4 2 • 0 2 • 3 2 • 3	3 17 16	T T T • 49		6			Т		•16 •09 •70	0	8 T 0	.25 .15 .19	• 02 7		6	5		.5	.6 .2 .2 .2 0 .1	2 .2 4 .0	0 T	т	•1 •0 •2	0 • 0 4 • 1 5 • 0	0 .0	)2 )1 )6	•08 •05 T	
ERIE WB AIRPORT EVERETT 1 SW FARRELL SHARON FORD CITY 4 S OAM FRANKLIN	1 · 6 1 · 6 2 · 6 1 · 6	3 08 52	•05 •22 •10	•1 2 •6	3		.01	T	•0:	•0	.1 5 .1	2 •0 5 2 •0	5 .25	L	. O.	2 T	.01	l T		•3 •9 •0 •2	3 3 •1 9 •1	2	т	01 •1 •1 •2 •4	3 .1	06 .0		01 •04 •05 •16 •15 •11	
FREELANO GALETON GEIGERTOWN GEORGE SCHOOL GETTYSBUPG	2.0	32 35 31	•11 •0°	9 +3	5	Ť	•12	• O	T 1	.0.	0 •0 7 •1	.0 .4	4 •1° 0 •2° 5 •1°	9 5 8	•0	7			i T	0 .6 .3 .6	9		Т		(	07 .1	05	T •05	
GLEN HAZEL 2 NE OAM GLENWOOPE GLENWILLARO OASH OAM GOULOSBORO GRATERFOPD	2.:	11 56 T	• 0 : • 0 : T	.4	1 7 T	Т	Т	+0 T T	1	*1: T *1: T	2 .2	3 •6 21 •0 13 •4	7 •1: 5 •1: 0 •3:	2 2 • 01 4 • 01	3 •0					.2 .5 .1	5 9 • 1 3 T		)1 Т	•1	15 T	22 .	05 01 04 04 08	+07	
GRATERFORO 1 E GREENSBORO LOCK 7 GREENVILLE HANOVER HARRISBURG WB AP	1 • · · · · · · · · · · · · · · · · · ·	23 •0 00 82	02 .09	2 T 7 •4		Т	т	T T	•0 T	2 .0	5 • 2 4 T	•0 02 •5	0 .1	8 T 3 •0'						•6 •9 •0 •5	0 .2		01	•	08	15 • 03 08 T 03 T		T •06	•
HARRISBURG NORTH HAWLEY HOLLISTERVILLE HOLTWOOD HONESOALE 4 NW	2 • 2 • 1 • 2 • 2 •	25 25 34	.5 .0 .0	3 .9	8			Ţ	т	•0 •0 T T	3 •:	09 •4 11 •2 07 •3 04 •4 17 •2	7 .4 6 .3	6 T 5 T 6	•0	9 T				. 5	0 .0	9			01	22 T 19 T 01 • 20 T	02	• 03 • 06 T	6
HONEY BROOK 1 W HOP BOTTOM 2 SE HUNTINGOON HUNTSOALE HYNDMAN	1. 2. 1. 1.	41 94 68	**************************************	5 .4	10			•0 T	1	T T T •1	T	17 •9 04 •1 04 •4	.7 •4 •2 •8 •0	7 6 T 5	•5 •0 •0	8			Т	•	55 53 58 T	т			01 .	02 .	10 03 02 02	• 02 T T • 03	3
INOIANA 3 SE JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN KANE 1 NNE	2 · · · · · · · · · · · · · · · · · · ·	91 19 23	.0 T .0 T	8 .	21	•02 T	т	T		•2 •0 •0 •1 •0	6 · 3 · 0 ·	35 •0 15 05 T 75 12 T	07 •1 •0 •2 •7	3 •0 9 T 4 •1	2 .0	01 T					30 •1	16 .	01 03 T	• • T	22 · 05 ·	01 · 12 · 10 ·	07 01 01 12 04 T	• 01 • 02 • 03 • 04	9 4 8
KEGG KITTANNING LOCK 7 KRESGEVILLE 3 W	2 •	13	•4	15 .	64		1		•1	0 •2	5 .	19 .0	04 •1 30 •1	1 •1 8	2 •0	о1 т			-		- 27 •	10			24 .	06 • 27	03	-1	2
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## DAILY PRECIPITATION

PUNNSYLVANIA

Continued	ıtal													Day	of Mo	onth															
Station	Jo.	1	2	- 1	4	5	6	7	8	9	1			13	14		16	17	18	19		-	22	23	24	25	26	27	28	29 30	31
RE MINISINA REVILLE I ANE NCASTER ZNE PUMP STA NDISVILLE 2 NH WRENCEVILLE 2 S	2.30 2.10 2.17 1.45 .73	T	.07 .05 .A1 .06	.40 .45 .15 .42	Т			т	T		*02 T	+17	.42 .04 .67 .32	.38 .51 .03	T	•02 •05				.42	.49 .56 .18 .41	.07 .07			.05 .13	•30 •13 •12 T	T .04 .03	7	•06 T		
BANON 4 WNW HIGHTON ROY WIS RUN 3 SE	1.98 2.21 .72 1.72		.05 .66	•51 •20 •15 •55		Т			T •02		T T -10	.05 .13 T	.40 .40	.25 .19 .38	•06	T T					.16	T • 1 2	.01	T	T T • 29	•18 •30	*04 T		T •03		
HISTOWN  CK HAVEN  NO PONO 2 H	1.46 1.32 2.19 2.00		T +05	.24 .48 .53					T		.01 .05 .06	.04 .05 .12 .03	.03 T .34	•32 •30 •33 •10	.05	•02 •05 •03 •06	т				.53 .37 .10	•12	T		.02 .06	•06 •19 •17 •10	.02 .01 .06		T . 03		
NCM DERA HAFFEY PLE GLEN	1.57 2.50	Т	.04	.35					т	T	•19 •23	.07	T .85	•17 •14	•07	.02 T	T				.37	.07			.18	T +15	.03		•05 •12		
PLE GLEN PLETON OEPOT RCUS MOON RION CENTER 2 SE RTINSBURG FAA AP	1.44 2.43 2.93 1.09	T T	.02 .49 .03	.48 T .68				•03		•03	.02 .01 .16	•02 •10 •23	.02 .80 .07	.29 .23 T	•12	•03 •10	.02			.74	.50 .39 T	T •16 •01	•01	Т	•15 •35 •02	•01 •11 •13 •03	.04	т	.D1 T .13		
TAMORAS CONNELLSBURG KEESPORT ADVILLE 1 S DIX RUN	2.10 1.38 1.75 1.13 1.92	ŢŢ	T • 0 7	.46 .20 .39 .11		•05 T		т	T T T		.07	•04 T •41 •15	.38 .28 T T	.48 .22 .25 .01	•04 •03	.08 .05 .03	T T				.36 .54 .20 .01	•13 •22 •16	. O1	Т	•19 •16	.38 T .23 .05	.06	•04	T •05 •09 •13		
RCERSBURG YERSDALE 1 W LANVILLE	1.90 1.72 2.07 2.29		.03 .15	•40 •36 •26 •60							.100 T .21	•10 •01 •15 •17	•36 •05 •23	.15 .20		•10 •22 •03				D	.44	.20			.70	T T • 05	.05 T	k	7 •01		
LLVILLE 2 SW LROY NTGOMERY LOCK AND DAM	1.88 1.44 1.41	T	.03	•26 •59 •40 •30		Т			T		T •04 •13	.12 .05 .20	.02 .07 .06	.32 .36 .18	•02 •06 •02	.01	T				.36 .44 .48	.21	T		*04 T *15	.09 .21 .10	T .04 .04		T T -10		
NTROSE RGANTOWN GRETNA 2 SE ERSTOWN	2.03 2.04 1.97 1.57 2.59		.01 .50	•63	T				T		.06 .02	•15 •19 •05	.04 .50	•38	•01 T		T			.58	.46	•11			•18 T	•03 •19	*04 T		•07		
TRONA LOCK 4 SMAMINY FALLS H CASTLE 1 N	2.66 1.37 2.60		*31 T	.70 .05 .21		•01		Т	Т		.46 .02 .07		.04 .98	•10	•09 •04 •05	+04	T			.81	.01	.16 T .21	т	т .	.20 .20 .20	•13 •15 •03	.04		.03 T .22		
N PARK NPORT W STANTON N TRIPOLI	1.70 1.90 1.95 2.13	Т	•28 •02 •50 •47	•18 •52				Т		•20	T •22	.05 .04 .19	•24 •15 •49	• 45 T	• 21 T	T T	Т			•54 •04 •50	•51 •17	•20			•19 •31	.05 .09 .03	.05	T	T T		
RRISTOWN RTH EAST 2 SE WELL 2 NW LM LMERTON	2.38 .39 1.10 2.72 1.80		•12 •05 •50 •59	•26 T •55 •40		Т		Т	T		.02 .02	.03 .07 .04 .12	•78 T	.28 .03 .20 .10	•03 •02	•01 T •02	Т			•29	.73 T .18	•04 •03	Т		•12	•15 T •02 •43	.03 T	•01	•02 •03		
RKER UPACK 2 WNW IL DREKEL INST OF TEC ILAOELPHIA W8 AP ILAOELPHIA PT BREEZE	1.69 2.17 1.92 2.19 2.06		.07 .05 .23 .21	•48 •43 •02 •02		T		T .01			.08 .01 .01	•17 •02 •08 •09 •06	T •49 •70 •86 •81	•09 •33	•02 T	T • 0 2				.68 .77	•27 •58	•13 •05 T			.02 .12 .16	•21 •12 •08 •06 •05	T T		•17 •05		
ILIPSBURG FAA AP OEMIXVILLE 1 E KES CREEK TITSBURGH W8 AP 2 //R TISBURGH W8 CITY R	.88 2.43 1.85 2.09 2.07	T	•14 •47 •03 •44 •65	T •55 T				T	T T T	.03	+05 T		•12 •70 •12 •15 •09	.29	•09 T •15 •14	05 •01				.29 .86	.28 .17	•02 T •04	T		.06 .15 .18 .29	.01 .18 .08	•02 T	.05	.02 .01 .07		
EASANT MOUNT 1 W RT CLINTON TTSVILLE TNEYVILLE 2 SE OAM AKERTOWN 1 E	2.24 2.08 2.10 2.12 2.25		.06 .05 T	•50 •43 •55 •57 •47					Т		•08 •22 •08	•20 •51	•23 •19 •41 •04 •36	•39 •19 •20 •14	T .08	•07 T	Т			•63	.25 .53 .33	•13 •	•13		• 25 T	•18 •25 •08 •47	.04 .04 T .05		• 04		
YMONO AOING W8 CITY R NOVO	2.32 2.23 1.33 1.69		.03 .53 T	.04				T	,		.08 .06 .09	•10 •04 •08	•67	•28 •17 •20	• 02 T T	•07 •05 •08				.59	.17 .57	.68 .04 .28			•02 •23 •02 •27	•750 •05		0 •10	•03 •05 •03		
CES LANDING L 6  DGWAY SHVILLE SSELL	1.90 1.60 1.43 1.12	Т	.09 T .03	.49 .47					•01 •01		.21 .06 T	.25 .11 .04	•05 •01 •12	.16 .15 .36	•01	•07 •04 T	т				.24 .20 .25	.15 .20 .08	.01	.01	.08 .15	•10 •01 •03	. 20		.01 .08 .05		
GAMORE 1 S LINA 3 W XTON MENLEY LOCK 5	3.28 1.97		.10 .68	.98 T				•15	+10 T	•15	•20 •09	•25 •25	•15 •06	.15 .03	-15 -07	•10 T	Ţ			.19	•35	.20 .04	*01		.10	•07 T	.10 T		•10 •14 •01		
RANTON WS AIRPORT AMOKIN	2.31 2.97 1.95 2.40		.05 .60 .09	•61 •65: T				Т	Т	т	•17 T	.08	•66	•17 1•00 •04 •37	• 02	•05	T			•39	T +45	.17 .02 .04		(	.23	.15	T .04	T	•13 •02 •03		
IPPENSBURG NNEMAHONING ZERVILLE IPPERY ROCK MERSET FAIRVIEW ST	2 • 1 4 1 • 2 4 1 • 8 4 1 • 50 2 • 5 4	T	•36 •01 •34 •02 T	*32 *45 *47				•05 T	T T		.08 .12 .06	.16 .02 .06 .18	•73 T •02 T •03	*12 *25 *15 *22	T • 03 T T • 04	.05 .08 .05		Т		.54	.18 .24 .22 .05	•10 •26 •17 •25		T	.06 .07 .22 .15	.04	.06 .01 .04 .02	• 05	.08 .16		
UTH MOUNTAIN RING GROVE ATE COLLEGE OYSTOWN RAUSSTOWN	2.05 2.11 1.25 -	Ţ	.06 .07 T	•46 •36 •27	-	-	-	-	T T T	_	•04	.10 .04 .06	•49 •57 T	•12	.02	T • 05	_	_	-		.48 .84 .48	T _	_	T -	•02	-	.02 -		Ť Ť		
ROUOSBUPG UMP CREEK NBURY SQUEHANNA MAOUA	2.36 1.16 1.92 1.59 1.99		.60 .02 .02 T	.68 .53				Т	т		•02 •11 •04	.10 .12 .09 .10	•79 •02 •11	•16 •37 •33		T •04 •06 •05	T			•54	.51 T .18 .49 .23	.02 .05			.27 .25 .02	.29 T .04 .08	• 05 T		T •06 •04		
MAOUA 4 N OAM ONESTA 2 SE OAM TUSVILLE WATER WORKS BYHANNA RPEOO 4 W	2.38 1.76 1.68 2.26 2.04	Т	•05 •02 •39 •26 •03	•52 •41 T •23 •28		T •01			T T	•07	•08 •03 •02 •02	•10 •17 •16 •14 •14	.35 T .08 .82	•32 •21 •04 •02 •13	•02 •06 •04 •05	.02 T .01	T			T •12	.69	.27 .18 .0	•02 T	T T	.36 .4 .32	•35 •04 •04 •01	.05 .03		•07 •05 T		
WANDA 1 ESE WER CITY 2 E COY RTLEPOINT 4 NE RONE 4 NE BALO EAGLE	1.16 2.20 1.12 1.34 1.48		.02 .07 .03	•55 •18 •25		•01			T •03		T •04 •03 •12	.04 •10 •06 •02 •12	• 45	.38 .31 .35 .25	•02	T • 04 • 04 • 05	•02				.29 .53 .21 .22	•05			.01 .08	1 +16 +18 +07	.01 .03 .02		•08 •05 T		
ION CITY FILT PLANT IONTOWN NOERGRIFT RGINVILLE RREN	.91 2.25 2.78 2.38 1.44	•01	•02 •51	•18 T		.02 T			T +01	.09	.05 .09 .18	.05 .34 .26 .40	•01 •20 T	*04 T *22	• 04 • 04 • 5 0	•09 •03 •07	Т			÷34	.03 T .28	.1 .2 .13 .02	•01	Т	•06 •21 •13 •1	T •16 •12 •18	T T • 07		T .05 .08		
TSONTOWN YNESBURG 1 E ELLSBORO 3 S	1.80 1.86 .98	•03	•48 •04 •01				Т		•01 T		•03 T •21 •04	.24 .22 .01	.24		•10 •01		т			•43	T •20	•27 •11	•01		• 20 • 11 T	T •13	.04 T .12		•11 •01		

## DAILY PRECIPITATION

PENNSYLVANI FEBRUARY 196

Continued																										_			_			
0:	lal													Day	of M	onth																
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESSURG VILKES BARRE WILLIAMSBURG WILLIAMSBURG VILLIAMSPORT WB AP WOLFSGURG YORK 3 SSW PUMP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	2.11 2.35 1.90 2.38 1.66 1.36 1.73 1.17 2.35 1.67	т	.05 T T .38 T .28 .05	.23 .35 .58 .49 .40 .20 .18 .40		*60 *01		T •01	•03 T T T	.02	.05 .12 T .03 .03 .07	.26 .09	•13 T •35 T •57 •44	. 28	.02	•04 •11 •03 •02	,01 T			•53	.60	.38 .14 .01 T .03			.48 .23 .01 .18	.03 .12 .29 .03 .03 T T	.07 T .03		•04 •10 T •02 •06 •05			

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Station		1	2	3	4	5	6	7	R	9	10	11	12	13			Of Mo		18	19	20	21	22 2	23 2	:4 :	25	28	27	28 2	20	30 31	Average
LLENTOWN WB AP	MAX				23	36			20				36									-						-	32	.3 .	30 31	31.4
LLENTOWN GAS CO	MIN MAK MIN	30	24	8 40 20	3 24 7	14 25 10	15	19	- 3 41 - 3	8	26	32 38 28	23 40 30	17	13	9 33 15	4	1	32	24	31	8	4	5 2	20	13 36	5 -	. 2	13			12.5 31.5 12.4
LTOONA MORSESHOE CURVE	MAX				28	50	55	44	35	26	34	39	35	24	27	21	20		46	42	43	40	11 2	29 3	8 ;	28	25	22	32			33.1
RENDTSVILLE	•	-	30			16 27 4	28 39 16	33 50 22	43			37	19 38 26	28 16	31	34	- 4 - 4 -	23	33 5	50			7 - 21 1	18 2	9 :		12 <b>-</b> 36 ;		27			10.8 32.3 9.8
USTINBURG 2 W		24		37		25		51	35		28		31		21		14	20	36 ;	46		38	10 -	10 2		36		17	25			28.3
AKERSTOWN 3 WNW	MAX							42	27	29	35	37	27		26	17	18	38	45   3	38	43	43	10 2	23 3	5 ;	26		19	30			31.9
EAR CREEK OAM	MAX	23	32	38	16	18	38	47	35 -12	6		34				21	17 -	14	28	43		41		6 2		31		18	22			26.7
ELLEFONTE 4 S	MAX		30		35	25				21	-	34	40		26 14	25		18	36	48			14 1			36	27 : 5 =	21	25			30 • 4
ERWICK	MAX	30	39 27	37	25	38	43	34	18	29	34	36	35	25		19	19	29			46 26	40	13 2			28 :		21	28			30.7
ETHLEHEM LEMIGH UNIV	MAX	20	33	31 18															47 3	38	45	45 16	16 2	24 3	8	31 :	26	24	33 18			
LAIRSVILLE 6 ENE	MAX	27	43	32	35	45 30	51 31		29 - 5	25	33	36 24	27 15	20	22	15	16	34	43 3	36	36 28 -		7 2 11 -	23 3			20 :					29.7
LOSERVILLE 1 N	MAX	31 12	39 18	40	24	21	41	50	40	25	30 15	35 27	39 25	28 18		31	22	25				42	20 1	7 2		37 :	30 2		25 10			31.5
RAOFORO FAA AIRPORT	MAX MIN	29		19		43 23	48	36	11 -13	25 -12	28	34	17	15	19		14	31	41 3	37 26	31 10 -		3 2 12 -	2 3	1 1	18 :	12 1	15	24			24.4
RAOFORO 4 W RES	MAX MIN		36 19		30 -13		50 13	36	24 -14 -	27	29 14	35		19			17 -20 -				34 2		7 2 10 -1	5 3	2 2	20 1	16 1		27			28.9
URGETTSTOWN 2 W	MAX MIN		37 19		17	44		52	45	16	28	36	35	24	25	28	14 -21 -	22 4	40 4	7	38		13 1	1 3	3 3		28 ]		25			31.0
URNT CABINS 2 NE	MAX MIN	28	34 24	37 10		49	57 18	57 26	42	28		41	40	28		25 10	- 24 - 8 <b>-</b>	35 4			45 27	48 -	25 2 2	9 4		41 3 13	30 2		39 16			37.8
UTLER	MAX	25	36 19		40	36 5	48		41			36	37 17			26	13 -17	:	39 4	48			12 1 6 -			36 2	26 ] 19 –	17	25 17			31.9
ANTON 1 NW	MAX MIN	20	32		12	19 - 1	40 18		34 -10 -		25		35 20	21 13	22	25	12				37 : 31	38 :	10 1	0 2		20 2	20 1	15 -	20			24.9
ARLISLE	MAX MIN	3 O 8		39 13	26 7		51 18	40	30 7	32	38	39 30	38 25			26 11	25 - 2 -							1 3 2 1			28 2					34.1 13.0
HAM8ERSBURG 1 ESE	MAX	27 10	38 24	38 13	28	42 15	51 19	37 26	35 9	30	36 27		35 23	31 15	33 18	21	25 - 7 -	28 4	47 3	34		81	16 2	8 4	0 3	34 2	26 2		36 16			33.8
LARION 3 SW	MAX MIN	31	39 26	36 1	36	46 13			26 - 7 -				32 16		28 14								12 2 10 <b>-</b> 1				19 2 25 <b>-</b> 2		33			32.3
LAYSVILLE 3 W	MAX MIN	3 7 5	46 34	35 7			57 18		31	30		3 8 2 8		27			22 -14				45 4	3 -	33 2 9 <b>-</b> 1	9 3	6 3	30 2 7 -1	24 2 19 <b>-</b> 1	25 19	36 19			36.0 10.4
LERMONT 4 NW	MAX MIN		36 18	34			45 19			28	30 18	38 20	30 12	22	24		20 -24		42 4		34 : 26 -		8 2 16 <b>-</b>				20 1					29.0
DATESVILLE 1 SW	MAX MIN	30 10	33 17	40	26 9	28 10	43	53 23	43	20	35 12		44			33	24					48 22	22 1				36 2 11	22	27			33•7 13•7
DNFLUENCE 1 SW OAM	MAX	29 9	33 16	42	18	42	52 19	59 19	44	19		39 28			26 14	26 6	12 -12 -	24 3 12 <b>-</b>			36 4 28	45 -	12 1				31 2					32.3
DNNEAUTVILLE	MAX MIN				14 - 5	35 13	45 18	51 26	35 -13 -	10	30 9	34 21	36 7	21 11	25 12 -	26 - 3	12 -20 -	23 3	36 4 22 2	6	42 3 27 -1	37	13 1 10 -	0 3	4 3	34 Z 2 -2	25 -	15	22			28.8
DRRY	MAX MIN	33 - 3	37 25	32	31 - 3	44	49 16	42	17 -13 -	29	30 19	33 22	22	20	24 12	15	21 -22 -	33 4	45 4 31 2	0	36 2 25 <b>-</b>	26 -	7 2 9 <b>-</b>	4 3 4 1	2 2	1 -2	14 1	18	30 13			28.8
DUOERSPORT 3 NW	MAX MIN -	25 -11	35 12	32	21 -12	44	50 12	35 10	16 -13 -	23	27	34 23	26 12	20	21 15 -	16	16 -14 -	32 4 10 <b>-</b>	43 3	36	35 2 4 <b>-</b>	7 -1	8 2 19 <b>-</b>	2 3 9 1	0 2	5 -2	3 1	19	27 6			27.0 - 1.1
EVAULT 1 W	MAX	32 9	38 27	32 10	27	43 17	53 25	44 21	24	34	40 23	42 29	36 21	28 18	33 16	19	22	33 5	50 3	88	46 4 31	5 I 7	9 3	4 3 3 1	3 3	2 2	8 2	25	32 17			34.4 14.3
IXON	MAX MIN	24 -12	35 -10	45 13	26 - 5	24 <b>-</b> 5	43	49	36 - 9 -	26	31	39 25	42 23	34 16	27	32	24 1	19 3 11 <b>-</b>	9 1	8	38 4 19	6 -	14 2	7 2 5 <b>-</b>	7 3	3	7 2	20 -	26 8			31.9
DNEGAL	MAX MIN	32 10	46 25	30 1	34	45	55 - 2	46 18	24	30	37 23	41 22	26 15	23 10	28 10 -	14	20 4	41 4	45 3 27 2	88 4	45 2 22 -	27 -	8 <sub>-</sub> 2	8 3	7 2	7 1 8 -1	6 2	20	33 18			32.0 7.2
DNORA	MAX MIN	37 13	45 30	39 8	43	54 29	59 24	51 32	37 2	33 7	38 24	39 31	34	28 13	32 20	24	23 4	41 9 9 3	51 5	0 1	47 4 32	3 -	16 2	8 3	7 3	32 2 .8 <b>-</b>	7 2	25	35 19			37.5 15.1
) 80IS FAA AIRPORT	MAX MIN	25 8	37 23	24	31	42 23	49	37 9	15 - 8 -	27 1	30 19	35 20	20 13	17 11	21	9	15 1 -10	33 4	42 3 29 2	9	33 1 14 -	4 -1	5 2	1 3	2 2	1 -	7 1 8 -1	16	26 14			26.0 7.1
) 801S 7 E	MAX MIN -	25 - 8	37 21	37	28	45 17	49 14	46 28	30 - 8 -	26	30 20	36 29	32 16	20	23 13	18	15 -27 -	35 4 14 2	45 4 28 2	2 :	37 3 27 <b>-</b>	4 -1	8 2	2 3	2 -	25 2 1 -3	1 1	17 36	28 2			30 · 1 3 · 9
AGLES MERE	MAX MIN	22	30 10	35	14	16	38	45 28	34 -14 -	10	23	29 19	33	19 11	22	21 2	- 8 -	17 2	23 4	1	34 3 27	0 -1	15 1	0 2	0 2	24 1 5 -	9 1 7 -	18 -	19			24.3
NST BRACY	MAX MIN	37 - 5	39 27	39	38	51 14	54 14	45 28	32 - 5 -	33	37 21	38 17	32 16	27 12	30 15	22	25 4 -24 <b>-</b>	6 2	50 4	5 2	40 3 29 -	9 -1	12 2 14 -1	9 3	8 2	7 2	3 2	23	34 10			34.9 5.3
BENSBURG	MAX	27 4	37 20	35	30	46 23	52	41 31	31 - 4	23	33	36 28	28 15	20 10	22 16	18	16 3 - 6 -	35 4	3 3 28 2	6 4	40 3 29 <b>-</b>	2 -1	7 2	4 3	2 2	5 2 9 <b>-</b> 1	0 2	20	28 13			30.1
MPORIUM 1 N	MAX MIN -	26 - 5	32 0	36	13	25 - 7	44	48	35 -10 -	17	27	31 15	36 16	20 10	21 10	24	13 1 -15 -1	19 3	0 2	2	35 3 23 <b>-</b>	4 -1	10 -1	7 2	2 -3	5 -2	3 1	17	20 23			26.6
NGLISH CENTER	MAX MIN	31 13 -	31	38	18	23 -10	46 12	51	<sup>35</sup> -	19	22	3 3 2 5	37	25 18	25 11	30 4	-1	23 3 18	35 4	8 :	37 4 22 1	2 1	17 1 10 -1	7 2 0 1	7 3	7 2 4 -1	5 2 -1	21	25 15			30.3

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PENNSYLVANIA FEBRUARY 196

> 27•3 9•0 31.2 8.7 32.0 17.0 30.6 4.3 31.4 29.2 9.8 33.5 14.4 32.8 32.8 13.1 31.5 33.9 13.8 33.8 16.6 31.0 34.1 17.9 33.1 10.2 32.8 27.9 30.3 11.1 26.6 34.9 35.4 14.3 30.9 32·5 5·0

> > 33.4 10.2 30.7 5.0 27.3 - .4

29.0 7.8 32.3 14.1 28.0 1.4 31.2 4.5

28.1 3.8 34.9 13.5 25.1 2.2 37.4 13.4

ERIE WB AIRPORT M  EVERETT 1 SW M  FARRELL SHARON M  FORO CITY 4 S OAM M  FRANKLIN M  FREELANO M  GEORGE SCHOOL M  GETTYSBURG M  GRATERFORO 1 E M	I I I I I I I I I I I I I I I I I I I	25 40 15 32 20 42 35 36 12 38 26 35 18	34 19 16 5 39 8 15 7 40 4	26 6 6 38 5 18 4 36 10 25 0 35 7 17 2	5 41 17 37 28 32 6 49 30 39 5 46 19	6 49 20 49 28 49 18 56 32 49 18	18		9 33 7 30 0 21 4 31 8	40 26 30	11 49 32 32 18 40 4	12 33 28 20 9	13 31 18 22 14 26 18	35 15 25 11	25 13 12 0	26 0 16 - 3		18 47 16 45 35	19 39 31 44 34	20 47 28 38 6	21 30 13 8 2	22 23 19 29 3 6 9 25 - 4 3	35 20 35 14	25 34 13 23 1	7 -	27 -25 -10 -21 -4	28 29 34 17 25 9	30 31
ERIE WB AIRPORT MM  EVERETT 1 SW MM  FARRELL SHARON MM  FORO CITY 4 S OAM MM  FRANKLIN MM  FREELANO MM  GEORGE SCHOOL MM  GETTYSBURG MM  GRATERFORO 1 E MM	MAX 329 MAX 344 MAX 27 MAX 364 MAX 29 MAX 364 MAX 364 MAX 29 MAX 364 M	41 25 40 15 32 20 42 35 36 12 38 26 12 35 18	34 19 16 5 39 8 15 7 40 4 34 1	26 6 38 5 18 4 36 10 25 0 35 7	41 17 37 28 32 6 49 30 39 5	49 20 49 28 49 18 56 32 49 18	40 21 40 0 60 30 38 30	0 - 5 - 6 42 6 - 2 41	33 7 30 0 21 4 31 8	40 26 30 21 26 4	32 18 40 4	28 20 9 44 24	18 22 14 26	15 25 11	12	0	14 37	16	31	28 38	13	3 6 9 25	35	23	7 -	-10 21	17 25	
ERIE WB AIRPORT MM  EVERETT 1 SW MM  FARRELL SHARON MM  FORO CITY 4 S OAM MM  FRANKLIN MM  FREELANO MM  GEORGE SCHOOL MM  GETTYSBURG MM  GRATERFORO 1 E MM	MAX 34411 10 10 10 10 10 10 10 10 10 10 10 10 1	40 15 32 20 42 35 36 12 38 26 35 18 35 10	16 5 39 8 15 7 40 4 34 1 35 8	38 5 18 4 36 10 25 0 35 7	37 28 32 6 49 30 39 5 46 19	49 28 49 18 56 32 49 18	40 0 60 30 38 30 53 18	- 5 - 6 42 6 - 15 - 2	30 0 21 4 31 8	30 21 26 4	32 18 40 4	20 9 44 24	22 14 26	25 11	12	16	37	45	44	38	8	9 25	35	23	9	21	25	
EVERETT 1 SW M  FARRELL SHARON M  FORO CITY 4 S OAM M  FRANKLIN M  FREELANO M  GEORGE SCHOOL M  GETTYSBURG M  GRATERFORO 1 E M	MAX 27 MAX 36 MAX 36 MAX 36 MAX 36 MAX 26 MAX 26 MAX 27 MAX 27 MAX 27 MAX 27 MAX 37 MA	32 20 42 35 36 12 38 26 35 18 35 10	39 8 15 7 40 4 34 1 35 8	18 4 36 10 25 0 35 - 7	32 6 49 30 39 5 46 19	49 18 56 32 49 18	60 30 38 30 53 18	42 6 15 - 2 41	21 4 31 8	26 4 37	40 4	44 24	26			- ,	12	22	34	О	2	- 4 2	14		-11		7	
FARRELL SHARON M  FORO CITY 4 S OAM M  FRANKLIN M  FREELANO M  GEORGE SCHOOL M  GETTYSBURG M  GRATERFORO 1 E M	MAX 36MIN 16 MAX 26MIN 3 MAX 36MIN - 3 MAX 30 MAX 12 MAX 30 MAX 3	36 12 38 26 35 18 26 35 18	15 7 40 4 34 1 35 8	36 10 25 0 35 - 7	49 30 39 5 46 19	56 32 49 18	38 30 53 18	15 - 2 41	31	37					27	17	14	33	49 14	35 33		12 12	31	40		18	26	
FORO CITY 4 S OAM M FRANKLIN M FREELANO M GEORGE SCHOOL M GETTYSBURG M GRATERFORO 1 E M	MAX 264IN 3 34IN - 3 34IN - 3 34IN 12 34IN 12 34IN 12 34IN 12 34IN 12 34IN 12 34IN 12 34IN 12 34IN 15	36 12 38 26 35 18 35 10 30 18	40 4 34 1 35 8 38	25 0 35 - 7	39 5 46 19	49 18 49	53	41		20		27	27	18 22 30	21 8	28	41 19	51 34	44	40	- 1	14 29	34	27		23	31	
FRANKLIN MM  FREELANO MM  GEORGE SCHOOL MM  GETTYSBURG MM  GRATERFORO 1 E MM	MAX 33 MIN - 3 MAX 25 MIN 12 MAX 30 MIN 1 MAX 32 MIN 10 MAX 27 MIN 5	38 26 35 18 35 10 30 18	34 1 35 8	35 - 7	46 19	49		2		32	36 25	37	22	24	27	12	21 -16	40	47 26	36 27	43	11 11	34	37		12	23	
FREELANO MM GEORGE SCHOOL MM GETTYSBURG MM GRATERFORO 1 E MM	1AX 25 11N 12 1AX 30 11N 1 1AX 32 11N 10	35 18 35 10 30 18	35 8 38	17		10	21		- 2 30 - 5	35 22		35	23	28	21	22		47	41	39	33		35	21		21	30	
GEORGE SCHOOL  M  GETTYSBURG  M  GRATERFORO 1 E  M	1AX 30 11N 1 1AX 32 11N 10	35 10 30 18	38	-	8	46 31	42	22	28	31		38	21	28	18	15	26	40 25	38	39		12 22	30	29	18	17	22	
GETTYSBURG M. M. M. GRATERFORO 1 E M.	1AX 32 1IN 10 1AX 27 1IN 5	30		25	25 10	40	50	43	18	33	41 28	46	35	36	35	24	22	35 15	50 21	38 33	45 26	26 15 7 8		34 17	33 12	23	27	
GRATERFORO 1 E M	1AX 27		40 18	23	28	43	51	41			38	39 26	28	31	33 13	20	24	33 12	49	41 30	48 14	20 23		37	35 10	20	27	
			40 28	30	27	40 19	51	43	19	33	40	43	34	28	34	22	22	35 8	48	36 30	46 28	31 17 5 5			32 11	22	24	
	MAX 34	40	34	35	47	52	40	24 - 7	29	35 23	35 24	24	24	25 18	18	23 -13	38 5	47 32	42		32	10 26				20 -20	30 12	
HANOVER M	1AX 34	32	37 18	25	30	43	52	43	26	34 13	40 31	40 27	30 18	32 19	34 12	23	27	33 23	48 25	37 29	48	23 23			34 11	22	27	
	1AX 29	40	40 13	26	39 21	49 21	40	29	32 12	37 30	39 34	38 27	28 15	34 13	24	23	29 3	47 15	35 30	47 27	47 12	16 28			27 13	24	34 22	
	MAX 29	28	37 14	19 - 7	20	48	52		13	32 - 8	40 22	44	30 18	29	29		21 -16		49 10	36 21	44	19 18 - 5 -12					26 -18	
	1AX 31		38 17	27 11	41 21	42 24	37 28	3 2 8	33 13	37 29	39 32	37 27	30 21	35 21	25 12	22	36 10	49	35 30	48 29	41	17 30	36			24 7	31 19	
	AX 30		37 9			46 17	53	40 5	23	32	42 26	40	28 18	28 18		18	23	39 10	50 17	38 26	46 10	22 12			31	- 23 - 2	23 - 1	
	1AX 35		35 5	40 - 1	48 19	54 19	41	32 - 1	30	35 24	37 30	31 18	23	27 10		19 -21	37 - 6	45 23	39 25	41 32	41	9 25 - 8 <del>-</del> 7				20 -25	29 9	
	AAX 21		- <sup>40</sup>	18	35 10	45 17	50 19	34 - 8	- 6	28	34 22		21	22 12	25 3	-18	- 21	37 18	46 29		36 -13	10 - 9					20 <b>-1</b> 5	
	1AX 24		37 6	15	34 11	51 25	56 28	43 2	17	30 10	37 29	38 22	22 15	26 17	26 9	-12	20	39 12	46 30	34 33	43	18 9				18 - 8	31 3	
	MAX 25		31 2	12 -12	32 0	45 10	49	33 -13		28 -16	33 18	35 15	18	20	25 4	11 -25	19 -24	30 5	45 20	39 24	36 - 6	9 8 -16 -19			22 -28	17 -31	20 -21	
	MAX 23		34 8	32	54 18	60 21	48 26	26 6	28 10	41 23	41 28	29 19	28	42 15	17	- <sup>23</sup>	41	48 21	36 28	43 32	34	12 32 - 4	39		- <sup>22</sup>	27 0	40 17	
	MAX 30		37 19	25 6	39 16	47 17	39 23	38 3	33 3	38 26	39 31	38 28	30 19	35 11	31 14	23	35 0	49 12	42 26	49 29	49 18	19 30			31 9	25 2	33 16	
	MAX 26		38 21	21 6	24 13	37 17	46 19	40 3	20 3	31 13	38 29	37 28		26 - 1	33 10	20	- 9	- 31 - 2	44 15	35 27	45 14	36 16 2 - 1				_ 20 _ 4	23	
	MAX 28		34 8	23 - 8	45 12	50 10	35 22		30 - 9	34 17	40 25	36 19	27 15	30 0	22 7	19 -11	38 -10	48	40 25	41 20	35 - 6	16 28 -18 -10				28 -17	32 16	
	MAX 31		38 19	23 5	2 Z 7	38 20	47 19	39 0	22	30 15	37 26	38 27	30 19	28 14	32 12	22	23 3	30 8	45 17	36 28	49	19 16			31	24	23	
	1AX 32		39 18	32 8	29 9	48 15	55 20	37 6	2 <b>4</b> 5	30 5	36 24	41 29	30 19	31 18	34 13	19	- 26 - 2	38 6	52 12	34 28	47 11	21 19				- 4		
	MAX 31	32 5					44 15				34 29	32 25	26 13		32 8	- <sup>20</sup>	- 3	33	50 15		7	19 16	29	37	- <sup>28</sup>	-11	26 -11	
	MAX 20	31	37 3	12 - 6	30 - 5	43 13	51 15	37 - 5	- 6			39 18	22 8	22 7	25 3	-15	15 -18	3		23	- 2	10 8 - 9 -10	- 7	- 1	-18	-24		
	MAX 32 MIN 21	39	39 17	28 14	40 25	55 30	48 30	30 9	37 11	47 28	44 34	40 30	26	26	27 14	9	16	27	33	52 35	42	19 32	23	37	30	26 8	35 22	
		3 41								32 20				23 15	15 2	15 -15	- 1	29	35 27	27		-10 - 4	20	3	-18	-19	10	
	MAX 26		34 7	27	48 24	52 26	43	22 3	27 5			29 19	16	17	6	- 2		32	31	31	3	12 27	20	13	- 2	0	34 22	
	MAX 21						50 18				33 22		20		26 4	-17	-14	35 16	45 26	39 28	35 -10	12 -10 - 8	31	- 4	-22	-22	-18	
	MAX 3			34 - 5							35 25			25 11	18	-20 -20	38	28	44 29	4	- 9	-14 - 5	18	9	-27	-28	15	
	MAX 32	28											19	20	12	0		9	14	29	12		. 11	17		2	31 6	
	MAX 2	2	13	- 6	- 5	12	12	- 7	- 7	- 3	25	25	17	11	8	- 6	- 5	- 4	12	25	9	16 12 - 2 - 3	5 - 4	2	- 1	- 0	- 0	
	MAX 36	32	7	2	25	26	30	- 3	5	25	25	20	15	15	8	- 6	′	28	29	30	2		. 43	, 14	- 0	- /	1,	
	MAX 2		35 7	12	- <sup>19</sup>	39 15	21	34 -16	-16	26 - 4	33 19	38 20	23	23 6	24 7	- 6	- 7	2	20		0	- 7 - 8	3 - 5	2	- 5	- 8	- 8	
М	MAX 30	26	- 4	5	16	21	27	0	13		33	13	19	16	8	2	7	22	42 32	28	9	3 2	18	10	8	25	31	
	MAX 31	7 20	39	23	40	50	45	27	21					22	22												34	

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Station																Day	Of M	onth														rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28 2	9 30	31	Aver
NEW CASTLE 1 N	MAX	35	40 29	33	37 - 4	47 20	52 17	49 28	30 - 6	30 3	35 23	36 28	30 16	25 13	29 14			41 6	48 32	47 27	40 27	39 - 1		- 27 - 1	36 21	28 11	19 -18		34 18			33.7 9.9
NEWFLL	MAX	33 12	37 32	42 10	25 6	47 26	54 22	58 30	46 5	29 9	36 25	36 32	38 20	23 14	26 19	26 8		32 5	44 28	50 28	40 32	46	_13 _4	21	34 21	34 16		19 - 6	34 15			34.8 14.4
NEWPORT	MAX	31	30 8	39 16	24	27 4	45 17	53 17	38 7	25 3	32 3	38 26	40 27	28 19	35 10			- <sup>25</sup>	33 0	49	35 25	49 12	22	- <sup>20</sup>	30 - 1	41		- 23 - 6				33.3
NEW STANTON	MAX	36 4	46 32	34 14	44	52	70 27	39 21	24	38 5	36 20	27 16	30 18	27 12	28 14		21 -12	40	50 27	32 18		27 - 2		29	36 20	29	25 - 3	25 -11	34 20			34.5 10.2
NORRISTOWN	MAX	32 12	40 28	38 15	29 10	45 23	54	45	26	37 11	44	48	38 28	31 23	36 23	29 11	25	38 10	53 23	40 32	49	45 12	20	31	36 24	36 19	30 12	27	34 22			37.0 18.4
PALMERTON	MAX	28	39 26	39 1	22	38 11	48	39	20	30 12	38 26	39 33	38 25	27 18	30 10		21	27	46 12	36 25	44 34	43	15	24	33 15	30 12	24	25	32 14			32.0 12.1
PHIL OREXEL INST OF TEC	XAM	30 15	38 30	37 18	27 11	42 26	56 30	46 32	32	34 10	46	46 37	38 30	32 25	36 24		25	34 14	54 25	37 28	49 33	33 12	18	33 12	35 24	37 23	30 15	28	35 22			36.3 20.1
PMILAOELPMIA WB AP	MAX	30 13	38 30	37 16	26 10	39 20	53 28	46 25	27	33 10	44	45	39 27	31 24	36 22	25 11	24	35 7	51 22	35 27	47 32	43	18	30 6	34 19	35 17	28 13	25 7	34 21			35.3 17.6
PHILAGELPMIA PT BREEZE		31 22	41 29	38 22	28	42	57 30	49 32	32	36 16	47 30	46 38	41 30	30 26	35 27		25 12	34 18	51 28	37 33	48 34	45	19	32 14	35 26	36 24	24 17	26 12	34 24			36 • 7 22 • 8
PMILIPSBURG FAA AP	MAX MIN -		35 20	29 - 2	21	44	50 16	38 14		24	30 19	38 23	23 14	19	23	10		35 -10	43 27	34 25	40	23 - 3	5 9	22	34 12		16	16 -12	26 14			26.8
PHOENIXVILLE 1 E	MAX	37 10	37 26	51 19	44	43 17	51 18	47 22	42	34	42	46 17	40 22	36 21	35 17		27	36 5	50 18	45	50 20	47 17	24	29	35 17	36 16	33 12	26	34 16			38.9
PITTSBURGH WB AP 2	MAX M1N	33 15	41 27	27	35 4	45 28	50 23		16 - 3	27	34	34 22	23 16	20	23		16 - 7	35 9	43 28	36 31	42 15	15	- 6 - 8	24	33 12	24		19	28 17			28.4
PITTSBURGH WB CITY	MAX	36 19	44 31	31	42	51 34	56 28	47 21	21	31 10	38 28	40 27	27 20	27	29 18	18	21	40 18	5 Q 35	41	46 19	19	14	28	38 21	29	19	24	33 21			33.6
PLEASANT MOUNT 1 W	MAX MIN					23 -10	40 11		35 -17 ·	5 -17	30	35 19	32 21		23			14 -15	27	44 21	35 25	40	14	13	21 ~ 3	30 - 6	23 - 8	16 - 8	20			26 • 1
PORT CLINTON	XAM - NIM		33	38 14	25 = 3	24	38		18	30	40	38	30 16	31	32	24	23 -10	30 - 7	48	36 22	50 16	47 10	23	19	28	29		19	27			31.5
PUTNEYVILLE 2 SE OAM	MAX MIN	23	34 17	40	40	36 3	45 18	50 18		22	31	35 23	37 17	22	22		14		37	45 26	38 26	42 - 1	10	9 - 7	33	35		17 -20	21 -18			30.3
QUAKERTOWN 1 E		30	39 25	39 18	25	40 14	50 15	47	35	33	38	40	40	29	33	30 14	20	33	46 16	44	44	43	19	25 6	34 12	33	29 8	23	33 15			34.8
READING W8 CITY	MAX	30	38	40 15	26	42	52	45	25	34	40	42	36 26	29	34	23	22	33	48	39 32	47 35	45	17	26 10	35	33	27	24	34			34.5 17.9
RE NOVO		29	30		22	26	43	48	36	23		35	38	28	28	29		24 -10	38	49	35 22	43	20		29	37		27 -14	28			31.3
RIOGWAY	MAX MIN -			37	15	31	41	52		16	30	33	38	21	29	25		21	35	46	38	33	10	8	29	34	25	10	20			27.9
SALINA 3 W	MAX MIN		44	37					32			37					19					42				26	_					33.1
SCRANTON		24	34	40 10	16	26				10	32	36 27	43	29	26 15	30		14	30	45	42	45	16	16	22	32 11		12	24			29.1
SCRANTON WB AIRPORT	MAX	29	40 26	37	20	41	44		12	27	32 25	37	34	22	26	17	14	27	43 19	37	42	42	10	20	27	22	14	- 22	27			28.4
SHIPPENSBURG	. MAX (	29	32 23	37 15	27	41	50	46 27	37 8	30	36 26	38	37 25	28	32 18		25	30	44	43 27	46 31	45	17	27	37 15	37 18	29 7	28	35 16		IJ	34.7
SLIPPERY ROCK		33	40 28	34	34	48 31	52	41	23 - 6	29	33	35 25		22	25 17		22	39 8	46 32	40 32	36 29	29	10	26	35 20		17 -14		30 17		Ų	30.9
STATE COLLEGE			29 10	36 7	16 1	25		54	40	20		33	39	24		26	13	19		46 29	35 28		11	11 - 5	26	34	27		23			28.8
STOYSTOWN	MAX MIN	23		41	15	35 7		55 27	44	17		39		24	25	10	18		44 28	36 30	40	10	8	34	35 13	28			30 -11			29.1
STROUOSBURG	MAX MIN =	29	35 22	35	22	40	49	40	19	32	39	40	34	27	29	23	18	28 -11	46 15	35 21	44	41	14	26 - 2	32	27		29	29			31.6
SUNBURY	MAX	32	34	40	26	25	43	46	35	24	29	40	39	27	28	33		24	32	51	37	45	20	16	30	34	30	25	26			31.9
TIONESTA 2 SE OAM	MAX MIN -	22	33	38	12	34	45	51	34	12	31	34	35	21	21	24		18	36	46	39	36	9	9	32	35	22	17	22			27.6
TITUSVILLE WATER WORKS	MAX MIN -	29	35	30	30	42	48	32	16	26	30	31	21	17	20	14	16	35	42	37	32	24	15	22	30	19	13	18	25			26 • 8
TOBYHANNA	MAX MIN -	22	33	33	17	43	49	40	23	28	33	40	37	22	25	22	14	26	43	38	38	38	12		29	28	20		26			29.3
TOWANDA 1 ESE	MAX MIN -	28	40	38	24	41	44	35	23	29	35	39	38	26	31	23		35	47		41	42	15	26	36	30	24	26	31			32.4
TOWER CITY 1 S	MAX MIN	26	32	38	20	21	43	50	40	12	29	37	40		25	30	19	19	29	47	35	43	17	13	25	33	29	21				29.4
UNIONTOWN	MAX MIN	37	49	38	46	54	59	48	36	31	39	40	31	26	29	22	22	40	48	41	47	43	12		37	31	27					36.5 15.1
₩ARREN	MAX MIN	35	37	34	33	48	51	37		31	32	36	26	23	27	17		36	46	40	37	31	11	27	35		15	23	31			31.0
WAYNESBURG 1 E	MAX	29	40	46	21	45		59		20	48	38	38		28	30		23	41	50	39	47	15	12	37	36	32	19	26			34.5
WELLSBORO 3 S	MAX MIN		28	34	13	21	42	47		11	23	30	36	19	20	24		18	32	47	35	36	10	8	21	32	19	15	19			6.0 25.3 3.3
WEST CHESTER	MAX MIN	34	34	40	28	28	45	57	46	22	37	45	42	33	32	35	28	34	36	55	38	50	22	21	32	33	37	23	27			35.5 12.2
	MIN	12	14	10	2	8	14	21.	- 1	1	13	24	28		18	11	0	4	4.5	20	21	10	2	4	7	1.5	0	1	Ü			12.02

### DAILY SOIL TEMPERATURES

																Day	of mo	onth															rage
STATION AND OEPTH		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELD RSCH LAB																										1							
8 INCHES	MAX MIN		34 33	34 33	33 30	33 31	33 33	35 33	35 30	30 26	31 30	32 31	33 32	32 32	32 31	33 32	33 30	30 29	31 30	32 31	34 32		34 32	32 29	31 29	31 31	32 30	31 29	30 29				32.5 30.9
LANDISVILLE 2 NW																																	
2 INCHES	8 AM	24	26	28	26	25	25	26	26	25	25	28	29	30	29	28	28	26	26	27	29	29	26	25	24	25	26	24	24				26.4
STATE COLLEGE 2																																	
2 INCHES	MAX		32 27	33 21	28 18	32 24	32 26	32 30	30 21	28 20	30 27	32 30	31 28	30 29	30 29	28 22	24 18	29 20	32 26	32 30	32 31	32 22	24 19	28 17	28 24	28 26	27 24	25 20	28 24				29.5 24.1
4 INCHES	MAX	27 24	31 27	32	28 19	30 25	31 27	32 31	31 23	28 22	30 27	31 30	31 29	30 29	30 29	29 23	24 19	28 20	31 26	31 30	31 31	32 26	25 22	26 20	28 25	28 26	28 25	25 22	27 24				28.9 25.1
8 INCHES	MAX MIN		31 28	32 27	28 23	30 27	31 29	32 31	32 28	28 25	30 29	31 30	31 30	30 30	31 30	30 27	25 23	28 23	30 27	31 30	32 31	32 29	29 25	27 23	28 26	29 27	29 27	27 24	28 26				29.6 27.2
12 INCHES	MAX	30 29	31 30	32 30	30 29	30 29	31 30	32 31	32 30	30 28	30 30	31 30	31 31	32 31	31 31	31 30	29 27	29 27	30 29	31 30	32 31	32 31	31 28	28 27	29 28	29 29	30 29	29 28	29 28				30.4 29.3
16 INCHES	MAX MIN	32	32 31	32 32	31 30	31 30	32 31	32 32	32 32	32 30	31 31	32 31	32 32	32 32	32 31	32 31	30 29	29 28	30 29	31 31	32 31	32 32	32 30	30 29	30 29	30 29	30 30	30 29	30 29				31.2 30.4

ERIE CO FIELO RSCH LAB - SLOPE OF GROUND: FLAT. SOIL TYPE, LAKE TERRACE CLASSIFIED AS CONDITION GRAVELY LOAM. GROUND COVER: RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

LANOISVILLE 2 NW - SLOPE OF GROUND, GENTLE SLOPE TO THE WEST. SOIL TYPE, OUFFIELD CLAY LOAM. GROUND COVER, PERMANENT BLUE GRASS SOO WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2 - SLOPE OF GROUND, GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE, HAGERSTOWN SILT LOAM. GROUND COVER, KENTUCKY BLUE GRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER.

## SUPPLEMENTAL DATA

	Wind o	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numb	per of da	ıys with	precipi	tation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 A.M. EST	7,00 A.M. EST	1,00 P.M. EST	7,00 P.M. EST	Trace	6010.	.1049	.80–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to s
ALLENTOWN W8 AIRPORT	w	19	10.9	41++	WNW	15	68	74	60	65	5	2	2	3	0	0	12	-	5.5
ERIE W8 AIRPORT	S	16	14.4	43++	SSE	2	73	75	70	74	7	12	3	0	0	0	22	-	7.3
HARRISBURG W8 AIRPORT	NW	27	9.0	28	W	21+	64	68	57	60	5	6	0	3	0	0	14	57	5.7
PHILAGELPHIA W8 AIRPORT	WSW	16	10.8	31	NW	15	68	70	57	62	2	5	2	2	0	0	11	55	6.0
PITTSBURGH W8 AIRPORT 2	SW	12	8,8	35++	NW	20	80	81	68	69	5	7	.8	0	0	0	20	53	7.1
READING W8 CITY	-	-	11.3	42	NW	3	-	-	-	-	2	2	2	3	0	0	9	53	5.5
SCRANTON W8 AIRPORT	SW	17	8.7	36	S	20	66	74	62	62	9	5	2	2	0	0	18	51	6.5
WILLIAMSPORT W8 AIRPORT	W	19	9.5	26++	WNW	14	66	74	56	59	4	9	3	1	0	0	17	-	6.3

															-	Day	of me	onth													
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31
ALLENTOWN W8 AIRPORT	SNOWFALL SN CN GNO WTR EQUIV		.3	3	3 .5	3 . 4	3 . 4	T 2 . 4	2	2	.3	.3	3.8	T 3	T 3	3	3	3	3	4.I 2	4 . 8	T 2 . 7	2	2	3.1	.7	5	4	T 3		
AUSTINBURG 2 W	SNOWFALL SN ON GNO	8	6	4	4	T 4	3	2	T 2	2	T 2	T 2	2	3.0	T 5	T 5	5	3	2	1	2.0	3.0	T 5	T 5	T 5	T 5	T 5	5	T 5		
8RAOFORO FAA AIRPORT	SNOWFALL SN ON GNO	T 17	T 16	T 15	T 14	T 14	10	T 8	T 8	.2	. 9	T 10	2.7	.8	.8	T	T 12	T 12	T 12	4.0	7.0 16	2.8	T 24	T 22	6.0	.5	24	T 24	1.0		
8RAOFORO 4 W RES	SNOWFALL SN ON GNO		15	T 15	T 15	14	13	T 13	13	T 13	1.0	1.0	1.5	3.0		1.0	17	17	15	.5	.5	5.0	.5	T 20	4.5	1.5	T 23	23	1.5		
CANTON 1 NW	SNOWFALL SN ON GNO		10	6	6	6	6	4	T 4	4	1.0	T 5	4	2.3	6	6	6	6	6	4	2.9	T 7	7	7	7	2.0	T 9	8	T 8		
CARLISLE	SNOWFALL SN ON GNO	2	1									Т	7.0	6	T 5	4	4	2		5.0	T 2	1	1		1.5	.5			Т		
CARROLLTOWN 2 SSE	SNOWFALL SN ON GNO	5	T 5	4	4	4	3	2	2	2	3.0	2.0	3	3.0	2.0	3.0	T 8	7	6	4	6.0	3.0	T 10	10	4.0	2.0	3.0	14	1.0		
CORRY	SNOWFALL SN ON GNO	16	14	.4	14	T 13	12	T 11	11	T 11	1.3	1.5	1.3	1.5	2.0		14	T 13	11	10	1.5	4.5 15	1.0	16	6.0	1.0	21	20	1.4		
DONEGAL	SNOWFALL SN ON GNO	-	_	=	_	-	Ξ	-	Ξ	-	=	_	-	-	_	=	=	_	-	=	= 1	_	-	-	=	-	-	-	-		
DU 8015 FAA AP	SNOWFALL SN ON GNO	14	T 14	T 10	10	T 9	7	T 5	5	1.0	2.0	1.0	3.0	. 1 13	4.0 16	T 17	17	17	15	2.0	2.0	.5 15	T 15	T 14	5.0	.5	19	T 19	2.0		
DU 80IS 7 E	SNOWFALL SN ON GNO	8	6	6	6	4	3	3	3	T 3	1.0	1.0	2.0	.5	3.0	T 8	8	7	6	2.0	1.0	1.5	T 8	8	6.0	1.0	14	14	2.0		
ENGLISH CENTER	SNOWFALL SN ON GNO	- 8	8	7	7	7	6	6	6	6	7	7	- 6	- 8	8	9	9	- 8	8	- 6	9	7	7	7	8	8	8	8	8		
ERIE W8 AIRPORT	SNOWFALL SN ON GNO WTR EOUIV	9	T 6	T 3	T 3	2	1	T	T T	. 3 T	1.0	.8	.1 2	.4 2 .3	2.3	.5	4	.3	T 2 .3	1	3.0	.1	T 2 . 3	.2	3	.1 3	3 . 4	.2	.6 3		
EVERETT 1 SW	SNOWFALL SN ON GNO	-1	_	_	_	_	_	_	_	_	_	. 5	_	4.0	_	.5	- 1	_		_	7.0	_	_	_	_	-	.5		1.0		
FORO CITY 4 S OAM	SNOWFALL SN ON GNO	7	5	1	1	1	Т	Т	Т	т	2.0	1	T	3.0	3.0	T 6	T 6	5	3	Т	T T	2.0	1	1	2.0	.5	.5	3	1.5		
GALETON	SNOWFALL SN ON GNO	15	13	8	8	T 6	6	6	6	6	1.0	7	.5	2.5	10	2.0	12	12	12	10	2.7	3.3	15	15	1.0	1.5	1.0	18	1.0		
GEORGE SCHOOL	SNOWFALL SN ON GNO	3	3	2	2	2	2	1	1	1	1	1	Т								2.8	т	Т	т	т	т	1.0	1	1		
GREENSBORO LOCK 7	SNOWFALL SN ON GNO	.3	. 7 5	T 2	2	1	Т	т	T T		5.5	Т		4.0	. 1	1.0	T 3	3	3	1	3.0	4.0	5	5	T 4	T ,	1.0	4	T 3		
HANOVER	SNOWFALL SN ON GNO	1	.5	1	1	1	Т						4.0	1.0	4	3	3	2	2		4.0	2	1	1	1	2.0	T 1	1	1		
HARRISBURG W8 AIRPORT	SNOWFALL SN ON GNO WTR EOUIV	.1	.2	1	1	1	1	Т	Т	T T	. 2 T	T	5.9	T 5	.2	3	3	3 . 4	3	5.7	5	2	2	1	.9	1	T 1	1	i a		
HOLTWOOO	SNOWFALL SN ON GNO		2	1	1	1	т	т	т	т	T T	Т	.5 T	Т	Т	T	Т	Т	Т	Т	4.0	2	1	т	Т	T	i.S	Т	T T		
INOIANA 3 SE	SNOWFALL SN ON GNO	6	5	2	Т	Т	Т	Т	т	Т	2.5	T 1	T 1	2.0	1.2	1.5	T 5	4	2	Т	1.0	2.0	2	2	3.5	1.0	1.5	5	1.0		
KANE 1 NNE	SNOWFALL SN ON GNO	12	10	6	6	T 6	6	5	5	5	2.0	1.5	T 9	3.5 12		2.0	T 15	15	14	12	1.0	6.5	18	T 18	5.5	1.0	.5 24	T 24	24		
LANCASTER 2 NE	SNOWFALL SN ON GNO	4	T 3	3	2	1	1	Т	Т	т	Т	Т	2.3	2	2	2	1	1	Т	2.5	1	Т			1.5	1	1	1	1		
LAWRENCEVILLE 2 S	SNOWFALL SN ON GNO	8	4	4	T 4	3	2	1	1	1	T 1	T T	3.0	.5	T 3	T 3	3	3	2	1.5	T 2	2.5	4	4	4	T 4	4	4	T 4		
LEWISTOWN	SNOWFALL SN ON GNO	2	1	Т	т						.5 1	.5 1		3.5	4	4	2	2	2		6.0	1	1	т		1.0	1 5	т	Т		
MARTINSBURG FAA AP	SNOWFALL SN ON GNO	T 3	2	T 1	1	1	1	т	т	. 3 T	. 4	T 1	1.9 T	T 2	3	T 2	2	2	1	5.5 T	T 5	1 5	4	4	3	2	2	T 2	T 2		
MATAMORAS	SNOWFALL SN ON GNO	9	8	6	6	6	4	4	4	4	4	.5	1.0	3.5	7	6	6	6	6	4	3.0	5	5	5	5	4.0	8	8	7		
MEAOVILLE 1 S	SNOWFALL SN ON GNO	T 10	9	8	8	.2	7	6	6	6	1.5	1.5	T 5	1.0	.9	6	T 6	6	6	6	6	5.5	1.0	10	3.4	.6	.5 9	9	1.5		
MEOIX RUN	SNOWFALL SN ON GNO	T 8	T 8	T 6	6	T 5	3	2	T 2	2	1.6	.8	T 3	2.8	. 8 6	1.5	T 7	7	6	3	1.2	3.7	T 8	T 8	2.1	1.4	8	8	2.5		
MONTROSE	SNOWFALL SN ON GNO	18	.2 17	T 15	T 14	14	12	11	T 11	11	1.2	2.0	.5 12	5.5 17	.1 16	1.0	T 17	17	17	15	6.0	3.0	21	20	T 19	1.0	.5 19	18	1.5		
NEWPORT	SNOWFALL SN ON GNO	4	4	4	3	3	3	2	2	2	2	2	2.5	5.5 7	7	5	5	5	5	2	4.0	4	3	3	3	1.5	6	6	5		
PHILAOELPHIA W8 AP	SNOWFALL SN ON GNO WTR EOUIV	2	T 1	Т	т	Т	т	Т			T									2.2	Т	. 1			1.	. 8 T	1	Т	T		
PHILIPSBURG FAA AP	SNOWFALL SN ON GNO		T 10	T 9	9	9	9	T 7	T 5	.3	. 6	. 1	1.2	.2	. 9	T 11	11	11	9	2.9	T 10	.2	T 10	10	10	.1	11	T 11	.2		
PITTSBURGH W8 AP 2	SNOWFALL SN ON GNO WTR EOUIV	6	T 4	T 1	1	т	Т	T	ŢŢ	2.5 T			2.4	.5	2.0	.1	3	2	1	1.4 T		.4 3 .2	T 3	3	3.6	1.3	T 5	. 6	.8		
PLEASANT MOUNT 1 W	SNOWFALL SN ON GNO		18	17	17	16	15	15	15	15	1.0	1.8	2.0	6.0	Т	1.0	T 23	21	20	18	4.0	2.0	23	23	T 22	2.0	1.0	24	24		
READING W8 CITY	SNOWFALL SN ON GNO		T 3	2	2	2	1	1	1	1	T 1	1	3.2	3	T 3	3	3	3	2	2.5	4	2	2	2	1.8	.9	4	3	3		
	1																														

## SNOWFALL AND SNOW ON GROUND

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SCRANTON W8 AIRPORT	SNOWFALL SN ON GND WTR EQUIV	7 . 8	.1	3	3	3	2 .5	T 2	T 1	T 1	.1	.8	5.5	.9	.7 5	5	4	4	3	4.9	T 6	.8	4	4.7	3.4	.2 7 .9	T 7	T 6 .8	.6			
SHIPPENS8URG	SNOWFALL SN ON GND	T 5	T 4	4	4	3	2	2	2	2	T T	.5 T	9.0	T 9	T 8	8	7	7	3	6.0	2.5	6	6	6	1.0	T 7	1.0	7	T 6			
SLIPPERY ROCK	SNOWFALL SN ON GNO	6	4	3	3	3	2	T	Т		1.0	1	1	1.0	2	2.0	4	4	3	1	т	2.0	2	2	2.0	.5	T 4	4	3.0			
TIONESTA 2 SE OAM	SNOWFALL SN ON GNO	T 13	12	7	9	T 8	7	5	T 5	5	1.5	1.5	T 6	3.0	1.0	1.0	T 11	10	9	7	T 7	5.0 11	.5 12	T 12	5.0 16	1.0 16		16	1.0			
TOWANOA 1 ESE	SNOWFALL SN ON GNO	9	.2	6	6	6	5	4	T 4	4	T 4	.3	3	5.5	T 8	T 8	7	7	7	6	4.5	2.0	6	6	5	T 5	. 4 5	5	2.0			
TOWER CITY 2 E	SNOWFALL SN ON GNO	7	T 7	5	5	5	4	2	1	1	1	.5	4.0	2.0	7	7	7	7	7	4	5.6	4	4	3	3	1.2	T 4	4	4			
WAYNESBURG 1 E	SNOWFALL SN ON GNO	.6	6	.2	3	2					3.0	Т		2.5	.5 3	2.5	T 4	3	1			4.7	4	3	1.2	.3	1.5	3	.2			
WILLIAMSPORT W8 AIRPORT	SNOWFALL SN ON GNO WTR EQUIV	T 7 .8	T 7 .8	3	3	3 .9	2 . 6	.1 2 .6	T 2 .5	.2 2 .5	.3 2 .5	.3 3 .5	3.7	.3	. 4 5 . 8	5	5	5 .8	5 .7	4.7	T 6	.3	4	4 . 9	2.2	5	5.9	4 .9	.8			

## STATION INDEX

STATION	MDEX MOOD NO.	DRAINAGE 1	LATITUDE	LONGITUDE		SERVATIME A	ND SCIAL	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1 LATITUDE	LONGITUDE	ELEVATION O	TABL	AND	OBSERVER
ACHETONIA LOCK 3 ALLENTONI NO AP ALLENTONI NO AP ALLENTONI GAS CO ALTONIA MORSESHOE CUR APOLLO 2 M ARTNOTSVILLE AUSTINUNG 2 W BACERSTONIN 3 MNW BARKES	DO22 ALLEGHEN D100 JEFFERSO D100 LEHIGH IVED130 BLAIR 0200 MESTNORE 0229 ADAMS 0313 T10GA 0303 ALLEGHEN DA00 WARREN	Y 1 1 9 9 6 6 15 15 15 15	40 39 A0 16 40 30 40 35 39 45 42 00 40 39	79 49 78 44 75 26 75 28 78 29 79 36 77 18 77 12 79 49 79 02	748 1600 376 MID	7A H1D 7A 6P 8A 7A	SPE III	CORPS OF ENGINEERS CHARLES 14. ALLEN U.S. MEAIHER BUREAU LEHIGH VALLEY GAS OIV. ALTOONA WATER BUR. EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO D. BACON PGH. CUT FLOWER CO. CORPS OF ENGINEERS	KRESGEVILLE 3 M LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2 NE PUMP ST LANCASTER 2 NE FILT PL LANDISVILLE 2 NM LAUBELTON STATE VILLAG LAWRENCEVIL E 2 S LEBANON A WHM LEBANON 3 SM	4727 4733 14753 4763 4778 664853 4873 4893	MAYNE LANCASTER LANCASTER LANCASTER	9 40 5A 5 41 13 5 41 27 15 A0 03 15 A0 03 15 A0 07 15 A0 54 15 A1 59 15 A0 21 15 40 19	75 34 75 03 75 16 76 17 76 17 76 26 77 13 77 07 76 29 76 28	720 1360 1AA0 255 270 360 880	7A 7A 8A 6P	BAC S	CI Y OF BETHLEHEM MRS. IRFNE FOPFHAN MRS. GLAUYS REINEAE LANCASTER WATER BUR. LANCASTER WATER BUR. PA. STAIL COLLEGE PA. OFPT. OF MELFAPE HARRY P. HOLLAND LEON MILLER THOMAS DONNACHIE
BEAR CREEK DAM REAR GAP BEAVER FALLS BEAVER TOWN RECHTELS VILLE BELLEFONTE & S REME BERLIEFONTE & S REME BERLIEFON RETHLEMEN BERLIEFON RETHLEMEN	0455 LUZERNE 0457 NORTHUMB 0475 BEAVER 0482 SNYDER 0480 BERKS 0530 CENTRE 0599 BERKS 0611 COLUMBIA 0629 NORTHAMP	LAND 15 2 15 14 16 16 16 15 15 15 15 15 15 15 15 15 15 15 15 15	40 46 40 45 40 22	75 4A 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23 75 22	1505 8/ 900 760 640 400 1110 8/ 325 570 6F 240 411 MID	3P 7A 7A 7A 6A 7A 6P 6A	8AC J 8A C	CORPS OF ENGINEERS ROARING CREEK WATER CO. HOWARD R. KEMP MARLIN R. ETTINGER PAUL W. FISHER ROCKYIEW PRISON FARM FLOYD W. TRUMP AMER. CAR + FNDRY, CO. CITY OF BEINLEHER LEHIGH UNIVERSITY	LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN 2 LONG POND 2 W LYNCH MADERA MAHAFFEY	4972 4984 4992 5104 5109 5160 5275 5336	CARBON BRADFORD MC KEAN MIFFLIN CLINTON CLINTON MORROE FOREST CLEARFIELD CLEARFIELD	9 40 50 15 41 41 1 1 41 50 6 40 35 16 41 08 16 41 08 9 41 03 1 41 36 16 40 50 16 40 53	75 43 76 43 78 39 77 35 77 27 77 27 75 30 79 03 78 26 78 44	680 630 1860 1295	7A 8A 7A 7A 7A 7A 7A 7A 7A 7A 7A	C H	GOOD-IN S. DEFREN LEAMON H. BRUMAN LEAMON H. BRUMAN AMERICAN VISCOLE CO. JOHN P. FREY HUGH F. BARKER THOMAS MCCYES CORPS OF ENGINEER MASS. JULIA J. SHOFF MISS ELLER J. MILES
BLAIN BLAIRSYILLE 6 ENE BLAKESLEE CORMERS BLOSERVILLE 1 N BOSWELL 1 SW BRADDOCK LOCK 2 BRADPORD FAA AIRPORT BRADFORD FAA RES BRADFORD A W RES BRADFORD A W RES	0725 PERRY 0736 INDIANA 0743 MONROE 0763 CUMBERLA 0821 SOMERSET 0861 ALLEGHEN 0865 MC KEAN 1740867 MC KEAN 0905 BEDFORD	NO 15	41 06 40 16 40 09 40 24 41 48 41 57 41 57 40 00	77 31 T9 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44 78 14	750 2048 8F 1650 650 8A 1810 725 2121 MID 1500 1680 5F 1352	7A 7A MID 8A	с с н н	PA. DEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD WATER DEPT. PA. TURNPIKE COMM.	MAPLE GLEN MAPLETON DEPOT MARCUS MODE MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT MEADOW RUN PONDS	5381 5390 5400 5408 5454 5470 5526 5573 5601	FULTON ALLEGHENY LUZERNE	5 40 11 6 40 24 5 39 49 1 41 27 1 40 45 6 40 18 5 41 22 12 39 56 10 40 21 15 41 13	75 11 77 56 75 25 79 09 79 02 78 19 74 42 78 00 79 52 75 40	1700 1610 1463 H 439 895 720 1995	7A 8A 8A	C H	FRANCES E. SCHEIBHER MRS. I. S. BUCHMANN SUN OIL CO. ROY A. MARKER CORPS OF ENGINEERS FED. AUITION AGENCY AUTHOR OF THE STAND U. SCORPORATION GEORGE PLARAGE
BRUCETON 1 S BUCKSTONN 1 SE BUFFALO MILLS BUFFETTSTONN 2 W BUFFET CABINS 2 NE BUTLER BUTLER SUBSTATION CAMP KLINE CANTON 1 NW CARLISLE	1033 ALLEGHEN 1073 SOMERSET 1087 BEDFORD 1105 WASHINGT 1115 HUNTINGD 1130 BUTLER 1135 BUTLER 1203 LYCOMING 1215 BRADFORD 1234 CUMBERLA	0N 111 0N 6 2 2 16 15	40 05 40 52 40 51 41 16 41 40 40 13	79 59 78 50 18 39 80 26 77 52 79 54 79 53 77 20 16 52 71 12	1065 2460 1318 980 78 990 58 1100 88 1140 590 1520 78 465 68	7A 7A 7A 6P	C M H	AUSTIN R. COOPER ALVIN N. MANGES CLIFFORD C. ADAMS SMITH THE, MUN. AUTH. PA. TURNPIKE COMM. NALLACE A LOZA WEST PENN POWER CO. LESLIE O. DOMLING MRS.MILDRED SPENCER CARROLL G. MILLER	MEDIX RUN MERCER 2 NNE MERCER HIMAY SHEO MERCER SHURG MERCHINSBURG MERHINSBURG MEYERSOLLE 1 W MILAN 2 N MILANVILLE MILLERSBURG 2 E	5627 5651 5654 5662 5676 5686 5731 5738 5775	DAUPHIN	1 41 38 16 41 17 2 41 15 2 41 14 12 39 49 9 40 58 17 39 45 15 41 56 5 41 40 15 40 32	80 10 78 24 80 13 80 15 77 54 75 28 79 02 76 31 75 04 76 56	1100 1160 1250 615 985 1960 770 760 560	9A 8A 7A 7P 7A 8A 8A 9A 8A	C H	CITY OF MEADVILLE MRS.E. M. SHYDER MRS.E. FRAN. STRUTHERS MRS.E. FRAN. STRUTHERS ROLLIN P. GILBERT ARTHUR A. SMITH CHARLES T. STRUD CHARLES E. STRUD RUSSELL SHEPLEY RUSSELL SHEPLEY
CARROLLTOWN 2 SSE CARTER CAMP 2 W CEOAR RUN CHADDS FORO CHAMMERSBURG 1 ESE CHARLEROI CHARLEROI LOCK 4 CLARENCE CLARENCE CLARENCE CLARENCE CLARENCE	1255 CAMBRIA 1262 POTTER 1301 LYCOMING 1342 DELAWARE 1354 FRANKLIN 1377 WASHINGT 1377 WESTHORE 1480 CENTRE 1485 CLARION 1505 LEHIGH	16 16 5 12 0N 10 LAND 10 16 19 9	39 52 39 56 40 08 40 09 41 03 41 12 40 37	78 42 17 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26 75 39	2040 2030 800 170 640 9F 1040 749 1410 1114 8F	8.4	H C C C	ROBERT F. MAURER RICHARD L. MEMKEN KATHRYN T. KREIGHBAUM E. EARL TOUGHTON CHARLES A. BENDER WEST PENN POWER C CORPS OF ROLINEERS MISS VELDA SWANCER PA. ELECTRIC CO. WILLIAM J. DOTTERER	MILLHEIM MILLYILLE 2 SW MILROY MONTGOMERY LOCK AND DA MONTROSE HORGANTOWN MIT GRETNA 2 SE MOUNT UNION 1 N MURRYSYLLE MYERSTOWN	5817 5825 3M5902 5915 5956 6028 6067 6111 6126	SUSOUEHANNA RERKS LANCASTER MIFFLIN WESTHORELAND LEBANON	15 40 53 15 41 06 6 40 43 11 40 39 15 41 50 15 40 09 15 40 14 6 40 24 1d 40 26 14 40 22	77 29 76 34 77 35 80 23 75 52 75 54 76 26 77 53 79 42 76 18	770 692 1560 595 M 670 M 820 900 480	1D HID	c H	NEVIN E. BOWERSON KENNETH LEIGMOW THOMAS C. MARBESON CORPS OF ENGINEERS RALPH TAYLOR PA. TURPHIKE COMM. MT. UNION WATER MORES DAVID C. SHAW MRS.KATHLEEN WANDELL
CLAYSVILLE 3 W CLEARPIELD CLERWONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW CONFLUENCE 1 NW CONFLUENCE 1 NW CONFLUENCE 2 E CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE 2 E	1512 WASHINGT 1519 CLEARFIE 1529 MC KEAN 1534 MC KEAN 1589 CHESTER 1705 SOMERSET 1710 FAYETTE 1720 CRAWFORD 1723 FAYETTE 1729 FAYETTE	1 5 17 17 17 8 17	41 44 39 58 39 48 39 50 41 45 40 01 40 01	80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 79 33	1000 76 1100 2104 1620 56 342 86 1490 66 1331 1000 96 870 1300	7A 7A 8A 8A 7A	C BAC C	MFGRS, L. + M. CO. IRA TAYLOR MPS, TILLIE M. SIMONDS MPS, TILLIE M. SIMONDS PHILA. ELECTRIC CO. CORPS OF ENGINEERS JOHN L. REID S. CARLYLE SHELDON MARSHALL B. MENEFEE HARRY C. JOY	NATRONA LOCK 4 NEFFS HILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWORT NEW STANTON NEW TRIPOLI NORRISTOWN	6174 6194 6233 6246 6289 6297 6310 6326 6370	PERRY WESTHORELAND LEHIGH MONTGOMERY	1 40 37 6 40 40 5 40 09 2 41 01 10 40 05 15 39 44 6 40 29 10 40 13 14 40 41 14 40 07	79 43 77 55 74 57 80 22 79 54 76 30 77 06 79 36 75 45 75 21	805 1 780 400 980 M 570 75 M	7A MID 5P 7A 2M 12M 6P 7A 7A 1D MID 6P 1D 8A	c c	CORPS OF ENGINEERS PA, STATE UNIVERSITY PHILA. SUG. WATER. CO. LEWIS W. HAMILTON GENERAL CHEMICAL CO. CLINTON. A ALLEM PA. TURNPIKE COMM. PRO C. OSWALD BOROUGH OF NORRISTOWN
COMSHONDCKEN COMS SBURG CORADPOLIS NEVILLE 1: CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGION 2 WSW CREEKSIDE CRESSON 2 SE DANVILLE	1790 ERIE 1806 POTTER 1809 POTTER 1803 TIOGA 1881 INDIANA 1895 CAMBRIA 2013 MONTOUR	Y 11 1 16 15 1 6	40 04 41 20 40 30 41 55 41 49 41 46 41 44 40 41 40 58	75 19 79 13 80 05 79 39 78 D3 77 53 77 07 79 12 78 34 76 37	79 1180 720 1440 66 2020 76 2425 1745 1035 2540 460	8A 8A 7A 7A 7A 7A	С	MRS. MARIE M. LITTLE	NORTH EAST 2 SE NOPTH PHILADELPHIA APT ORWELL 2 NW PALM PALMERTON PARKER PARKER 1 E PAUPACK 2 WNW PHIL NEEKE INST OF TE PHILADELPHIA WB AP	6622 6681 6689 6721 6724 6762 EC6879 6889	PHILADELPHIA BRADFORD MONTGOMERY CARBON ARMSTRONG CLARION PIKE PHILADELPHIA PHILADELPHIA	8 42 12 9 40 05 15, 41 55 14 40 26 9 40 48 1 41 05 1 41 06 5 41 24 14 39 57 5 39 53	79 49 75 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15	1140 1100 1360 30 M 7 M	9A 8A 8A 1D MID 7A 8A 1D MIO 1D MID	C F	ELLSWORTH HEAVER AIRPORT GUARDS ELMER T. MOORE MES HELEN ESCHBACH NEW JESSEY JIKK CO. NEW JESSEY JIKK CO. P. M. NEEV JARKEY MISS L. VETTERLEIN FRANCIS K. DAVIS . R. JU.S. MEATHER BUREAU
DEVAULT 1 w DINGMANS FERRY DIXON OONEGAL CONORS A DOVLESTOWN DRIFTWOOD DU BOIS FAA AIRPORT DU BOIS 7 E DUNLO	2116 CHESTER 2160 PIKE 2171 HYOMING 2183 WESTMORE 2190 WASHINGT 2221 BUCKS 2245 CAMERON 2260 LEFFERSO 2265 CLEARFIE 2298 CAMBRIA	5 LAND 17 ON 10 5 16 IN 1 LD 16	40 07 40 10 40 18 41 20 41 11	75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 54 78 38 78 43	360 MID 430 750 74 1746 MID 900 58 393 880 181 MID 1670 50 2410	7A MID 5P 5P	C H	THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. HEODORE F. MATHUES GEORGE HART SIDNEY KENNEDY FED AVIATION AGENCY CITY OF DU BOIS MPS. D. L. WHITE	W PHILADELPHIA DT BREEZE PHILIPSBURG FAA AP PHOCRIXVILLE 1 E PIKES CREEK PITTSBURGH M8 AP 2 PITTSBURGH M8 CITY PLEASANT MOUNT 1 M PORT CLINTON POTTSVILLE PUNXSUTAMNEY	6916 6927 6939 6993 6997 7029 7116 7161 7217	PHILADELPHIA CENTRE CHESTER LUZERNE ALLEGHENY ALLEGHENY WAYNE SCHUYLKILL UEFFERSON	5 39 55 6 40 54 14 40 07 15 41 18 11 40 30 11 40 27 5 41 14 14 40 35 14 40 42 1 40 57	75 12 78 05 75 30 76 08 80 13 80 00 75 27 76 02 76 11 79 00	1918 M 105 1320 1151 M 749 M 1800 450 690 1300	5P MID 7A 1D H1D 1D MID 8A 8A	000000000000000000000000000000000000000	MRS. ADA E. RAPICK LLOYD E. WELLER CARL E. ROTOLO
OUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG EDINBORG 6 SW EMPORIUM 1 N ENGLISH CENTER EPHRATA EQUINUNK 2	2325 SULLIVAN 2343 SULLIVAN 2363 CLARION 2466 CAMBRIA 2514 ERIE 2519 CRAWFORD 2635 CAMERON 2644 LYCOMING 2662 LANCASTE 2671 WAYNE	16 1 4 1 16 16 17	41 50 41 32 41 26	76 25 76 35 79 37 78 43 80 08 80 14 78 14 77 17 76 10 75 13	1910 2020 7/ 820 58 2090 78 1220 1140 1560 8/ 880 7/ 465 68	5P 7A 8A 8A 8A 7A	C H	EDINBORO ST. TCMR. COL. MRS PALLA J TAUTIN MRS. TALLIE M. BRITTON WILLIAM SUDERS STANLEY L. VON NEIDA MRS. HENRIETTA MURRY	PUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYMOND W READING WB CITY RENOVO RENOVO 5 S REW RICES LANDING L 6 RIDGMAY ROCHESTER 1 N	7239 7310 7318 7409 7410 7425 7443 7477 7540	CLINTON CLINTON MC KEAN GREENE ELK BEAVER	1 40 55 5 40 26 13 41 52 14 40 20 16 41 20 16 41 14 1 41 54 10 39 57 1 41 25 2 40 43	79 17 75 20 77 52 75 58 77 45 77 46 78 32 80 00 78 45 80 18	2220 266 M 660 2035 2250 775 1360 900	8A 8A 5P 7A 7A 1D MID 7A 7A 8A 7A 8A 8A	c c	CORPS OF ENGINEERS DENNIS K. FLUCK HRS. RACHEL LANGAN JU.S. WEATHER BUREAU ELHER G. BATSCHELET C. F. BILLETTE CORPS OF ENGINEEPS BOROUGH OF RIDOWAY DEOUESNE LIGHT CO.
ERIE CO FIELD RSCH L. ERIE WB AIRPORT EVERETT 1 SW FARRELL SHARON FORD CITY 4 S DAM FRANKLIN FREELAND GALETON GEIGERTOWN GEORGE SCHOOL	2682 ERIE 2721 BEDFORD 2814 MERCER 2942 ARMSTRON 3028 VENANGO 3056 LUZERNE 3130 POTTER 3189 BERKS 3200 BUCKS	B 6 2 1 1 1 1 5 1 6 1 4 5	42 13 42 05 40 00 41 14 40 43 41 23 41 01 41 44 40 13 40 13	79 51 80 12 78 23 80 30 79 30 79 49 75 54 77 38 75 50 74 56	1020 8/ 855 7/ 950 8/ 987 6/	7P 8A 8A 8A 7A 8A	BAC H	FIELD RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIKE COMM. SMARON STEEL CORR. CORPS OF ENGINEERS RICHARD A BEITH ANDREW B. EVANSHA STANLEY G. LUSH WALTER C. WOLF GEORGE M. MART	RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 W SAXTON SCANDIÁ 1 E SCMENLEY LOCK 5 \$ SCRANTON I SCRANTON WB AIRPORT	7729 7732 7739 7782 7846 7855 7863 7902 7905	SUSQUEHANNA WARREN LANCASTER INDIANA WESTMORELANO BEDFORD WARREN ARMSTRONG LACKAWANNA LUZERNE	15 41 47 1 41 56 15 39 55 1 40 46 7 40 31 6 40 12 1 41 55 1 40 41 15 41 25 15 41 20	76 07 79 08 76 23 79 14 79 33 78 15 79 02 79 40 75 40	780 2100 783 746 940 M	7A 8A 7A 6P 6P 8A VAR 7K 7A ID MID	c c c	CAR KOPATZ MIKE L. FERPIE S.H. WATER POWER CORP. CORPS OF ENGINEERS MUN. AUTH. WSTMRLD. CO. MRS. ALVERTA L. MOLMES CORPS OF ENGINEERS U.S. POST OFFICE HJ U.S. WEATHER BUREAU
# GETTYSBURG 1 S GETTYSBURG 1 S GLENCOE GLEN HAZEL 2 NE OAM GLENHOORE GLEN ROCK GLENN ILLARD DASH DAM GOULDSBORD GRATERFORD GRATERFORD GRATERFORD 1 E	3218 ADAMS 3223 ADAMS 3298 SOMERSET 3311 ELK 3321 CHESTER 3330 YORK 3343 ALLEGHEN 3394 WAYNE 3435 MONTGOME 3437 MONTGOME	12 12 15 15 17 11 11 12 14 14 14 14	39 50 39 48 39 49 41 34 40 06 39 48 40 33 41 15 40 14 40 14	77 14 77 14 78 51 78 36 75 47 76 44 80 13 75 27 75 27 75 26	540 9/ 530 1620 1725 440 620 705 1890 155 240 7.	8A 7A 7A 7A 7A 7A 7A	CCCC	HUGH C. MC LLERNY NATIONAL MILITARY PARK MRS, MARY M. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. MC WILLIAMS CORPS OF ENGINEERS DANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST	SELLERSVILLE 2 NW SHADE GAP 2 NE SHAMMKIN SHEFFIELO 5 W STIPPERSBURG SINNEMAHONING SIZERVILLE SLIPPERY ROCK SMETHORT HIGHWAY SHE'S SOMERSET FAIRVIEW ST	7965 7978 8026 8073 8145 8155 8184 0 8190 8244	BUCKS MUNTINGDON MORTHUMBLAND WARREN FRANKLIN CAMERON CAMERON BUTLER MC KEAN SOMERSET	5 40 23 6 40 12 15 40 48 1 41 42 15 40 03 16 41 19 16 41 36 2 41 04 1 41 48 17 40 01	75 20 77 52 76 33 79 08 77 32 78 05 78 11 80 03 78 27 79 05	790 1230 1345 1510 2140	8A 4P 4P 7A 7A 7P 7A	000	SELLERSVILLE WATER CO. MRS, MELEM M. PYLE ROARING CREEK WATER CO. WILBUR R. NORDIN 4 KEITH 8. ALLEN MRS. FRANCES COWELL MRS. FRANCES COWELL H. RAYMOND E. MILLER PA. DEPT. HIGHWAYS HOWARD G. PECK
GREENSBORD LOCK 7 GREENSBURG 2 E GREENVILLE MANOVER HARRISBURG WB AP HARRISBURG NORTH HAMLEY I S DAH HOLLIDAYSBURG HOLLISTERVILLE	3503 GREENE 3515 WESTMORE 3526 MERCER 3662 YORK 3699 YORK 3704 DAUPHIN 3758 WAYNE 3761 WAYNE 4001 BLAIR 4008 WAYNE	10 2 15 15 15 5 5 5	39 47 40 18 41 24 39 48 40 13 40 18 41 29 41 28 40 26 41 23	79 55 79 31 80 23 76 39 76 51 76 54 75 10 75 11 78 24 75 26	600 8 335 MII 323 880 7 1200 960 1360	MIC 94 A 7A	C HH	CORPS OF ENGINEERS PA. DEPT. MIGHWAYS C. EARL MILLER MANQYER EVENING SUN U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT NO.	SOUTH CAMAIN 1 NE SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STATE COLLEGE 2 STILLMATER DAM STOYSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN	8308 8379 8449 8452 8491 8560 8570 8589	CENTRE CENTRE SUSQUEHANNA SOMERSET BERKS INDIANA MONROE	5 41 31 12 39 51 15 39 52 16 40 48 16 40 48 15 41 41 4 40 06 14 40 29 4 40 33 5 40 59	75 24 77 30 76 53 77 52 77 52 75 29 78 57 76 11 78 55 75 12	1180 1645 1800 600 1880 480 1	7A 8A 7A 7A 9A 9A 8A	0 00 0	EUGENE M. COOK PA. OEPT. OF HEALTH P. M. GLATFELTER CO. PA. STATE UNIVERSITY PORPS OF ENGINEERS VERNOM MONG JACOB KLAHR MARRY F. BENNETT WILLIAM MAGGETY
# HOLTWOOD HOME MONESDALE 4 NW HONESDALE 5 NNW HOMESDALE 5 NNW HOMESDALE 5 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE HYNDHAN INDIANA 3 SE	4D19 LANCASTE 4027 INDIANA 4043 WAYNE 4044 WAYNE 4046 SUSOUEHI 4159 HUNTING 4166 CUMBERL 4190 BEDFORD 4214 INDIANA	NNA 15 5000 6 100 15 12	39 50 40 45 41 37 41 39 40 06 41 43 40 29 40 06 39 49 40 36	76 2D 79 06 75 19 75 17 75 56 75 43 78 01 77 18 78 44 79 07	187 MII 1220 1410 1050 700 900 640 7 610 960 1102 7	7A 7A 7A 8A 7A	C H	PA. POWER + LIGHT CO. MRS. EDNA M. BUSH GERGE C. WILLIAMS FRIEND F. MALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. SIEWEER METRO P. DOROSH DONALD LEMMAN CLYMER MATER SVC. CO.	STUMP CREEK SUNBURY SUSDUEHANNA TAMADUA TAMADUA 4 N DAM TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE TITUSVILLE WATER WORK: TORPEDO 4 W	8668 8692 8758 8763 8873 8885 5 8888 8893 8901	WARREN	1 41 01 15 40 52 15 41 57 14 40 48 14 40 51 1 41 29 1 41 38 5 41 11 1 41 47	78 50 76 47 75 36 75 58 75 59 79 26 79 40 79 42 75 25 79 32	1020 830 1120 1200 1550 1220 1950 1735	7A 7A 7A 7A 7A 8A 7A 8A 8A 8A 8A 8A 7P 7P 5P 5P 7A	0000	CORPS OF ENGINEERS CHARLES W. BAYLE MRS, LAURA A. BEMSON MRS, MARY L. ROBERTS PORPS OF ENGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRADY MRS. LILY B. GARBER
JACKSON SUMMIT JAMESTOWN 2 NM JERSEY SHORE JOHNSTOWN JOHNSTOWN 2 KAME 1 NNE KARTHAUS KEGG KETTLE CREEK DAM RITTANNING LOCK 7	4304 T10GA 4325 CRAMFORI 4363 LYCOMINI 4385 CAMBRIA 4390 CAMBRIA 4430 CCAMBRIA 4450 CLEARFI 4481 BEDFORD 4545 CLINTON 4611 ARMSTROI	2 16 4 4 1 1 16 16 6	41 57 41 30 41 12 40 20 40 19 41 41 41 07 39 59 41 22 40 49	77 01 80 28 77 15 78 55 78 55 78 48 78 07 78 43 77 56 79 32	1690 1050 8 541 1214 9 1275 1750 8 950 1280 MI 930 790	7A 9A A 8A 7A	8 C H	ARCHIE LAIN PA. DEPT. FRST. + WTRS. GEORGE R. WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDOLPM A. ANDERSON WILLIAM J. HOWE PA, TURPHISE COMM. CORPS OF ENGINEERS CORPS OF ENGINEERS	TOWANDA 1 ESE TOWER CITY 2 E TROY TUNNELTON TUNTLEPOINT 4 NE TYROME 4 NE BALD EAGL UNION CITY FILT PLANT WINDATOM VANDERGRIFT VIRGINVILLE	8912 8959 8989 9002 9024 9042 9050 9128	BRADFORD SCHUYLKILL BRADFORD INDIANA MC KEAN BLAIR ERIE FAYETTE WESTMORELAND BERKS	15 41 45 15 40 37 15 41 47 4 40 27 1 41 54 6 40 43 1 41 55 10 39 54 7 40 36 14 40 31	76 25 76 31 76 47 79 23 78 16 78 12 79 48 79 44 79 33 75 52	1100 890 1640 1020 1400	79 7A 8A 8A 7A 7A 7A 7A 6P 69 8A	0 00	M LEVERN ROOT MRS. MARY E. WEIMER ROBERT D. STRAIT FREDERICK L. FRIDAY MARDLO W. HAMMOND WM. W. MARTELLER UNITED ENG. FRORY.CO. MRS. MARY M. WIGHT

	NO.		IGE ‡	TODE	TUDE	NOLL	Т	SERV IME TABI	AND		OBSTRUCT	STATION	K NO.	COUNTY	AGE 1	птире	NGITUDE	NOLL		SER'		D	OBSERVER
STATION	INDEX	COUNTY	DRAIN	LATTI	LONGITUD	ELEVA	TEMP.	PRECIP.	EVAP.	SPECIAL SEE NOTES	OBSERVER	SIATION	INDEX	COUNTI	DRAIN	LATE	LONG	ELEVA	TEMP.	PRECIP.	EVAP.	SPECIAL ARE NOTES	OBSERVER
WELLSBORD 3 S WEST CMESTER WEST GROVE 1 SE WEST HICKORY WHITESBURG WILKES-BARRE WILLIAMSBURG WILLIAMSBURG WILLIAMSPORT WB AP WIND GAP WOLFSBURG YORK 3 SSW PUMP STA	9312 9345 9367 9380 9408 9464 9503 9507 9655 9702 9712 9728 9781 9823 9938 9938 9950 9966 9990	YORK	1116161616161616161616161616161616161616	41 51 40 11 41 05 39 54 39 49 41 43 39 98 31 48 40 45 41 15 40 51 40 51 40 51 40 51 40 54 40 54 40 54	79 08 80 14 76 52 80 10 77 16 75 36 77 16 75 36 79 25 79 24 75 52 78 12 76 55 75 18 78 32 76 44 76 43 79 19 76 13	765 1190 390 640 310 1225 940	8A 7A 8A MID	7A 8A 8A 7A 7A 7A MID	0000	н	SILBERT M. REIER PA. OEDT. HIGHWAYS WILLIAM BIRO WILLIAM BIRO WILLIAM BIRO ON BIRON OF THE WILLIAM MESO ODRE I. VIEWER MESO ODRE I. VIEWER MESO ODRE I. VIEWER MESO ODRE I. VIEWER MESO ODRE I. VIEWER MESO ODRE I WESO MESO ODRE I WESO MESO ODRE I WESO MESO ODRE I WESO MESO ODRE I WESO WESTER OMPANY VORK WATER COMPANY VORK WATER COMPANY VORK WATER COMPANY METROPOLITAN EDISON CO- JAMES OF TEETER  LESLIE MOMANTI												

1. ALLEGRANY 2. BEAVER 3. CONEMUNG 4. CONEMUNG 5. DELAWARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9 LERICH 10. MONONGARELA 11. OBIO 12 POTOMAC 13. LAKE ONTARIO 14. SCHUYLKILL 15. SUSQUEZANNA 16. WEST BRANCE 17. YOUGHICGERY

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal enowfall and heating degrae days for the 12 months ending with the preceding June data will be carried with the July isaue of this hulletin.

Statione appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data' Table and on the maps, becams effective with data for Saptember 1956.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in 'F, precipitation and evaporation in inches and wind sowment in miles. Nonthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Sureau type pan of 4 foot diameter unlass otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the enowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include enow and sleet. Entries of snow on groinclude snow, sleet and ice.

Oats in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer sonths some observers take the observations on daylight earlying time.

w om ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations amov on ground values are at 7:00 s.m., E.S.T.

In the Station ladex the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following C Recording Rain Cage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bullatin. G "Soil Temperature' Table.

H "Snowfall and Snow on Ground" Table. Onission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Otata" Table.

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
  Interpolated values for monthly precipitation totals may be found in the annual leave of this publication.
  No record in the Supplemental Data" Table: "Daily Precipitation" Table: "Dangy Temperature and the Morecord in the Supplemental Data" Table: "Daily Precipitation" Table: and the
- Interpolated values for monthly precipitation totals may be found in the annual tease of this publication.

  No record in the Nopplecental Data: Table: "Data! Precipitation Table: precipitation Table: "Data" Table: "Gaily Soil Temperatura" Table: "Snowfall and Snow on Ground" Table; and the data on an earlier date or datas.

  # Annual tincluded in following measurement, time distribution unknown.

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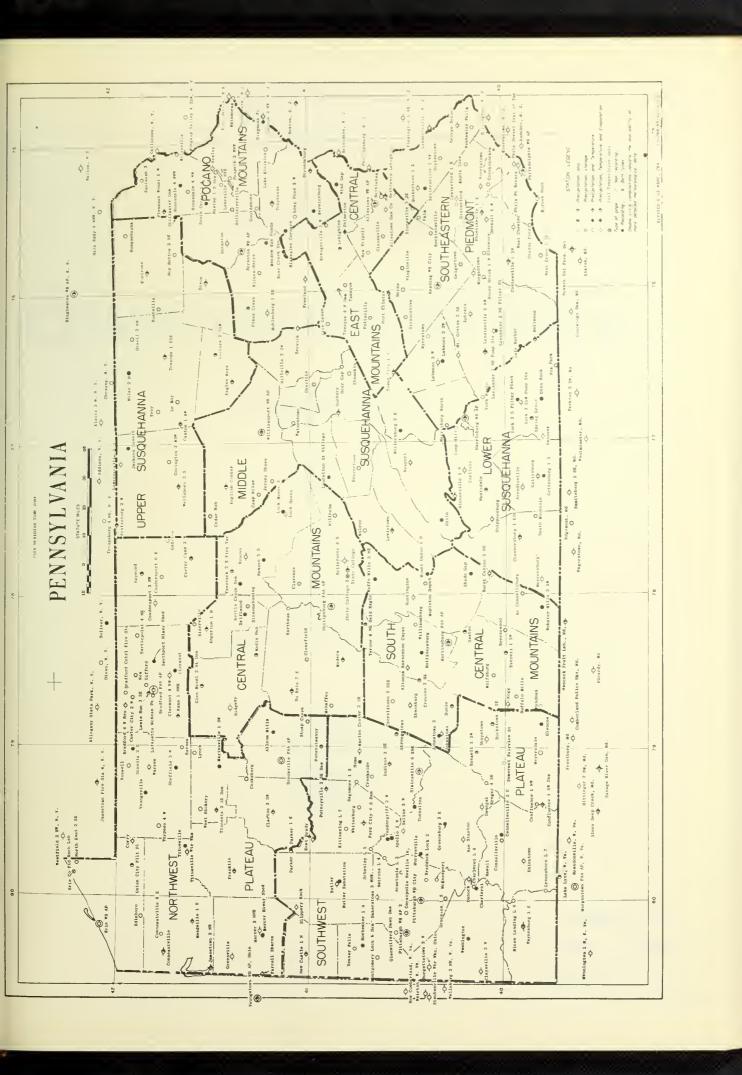
  # Ann

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this stats. That publication may be obtained from the Superintendent of Occuments, Government Printing Office, Washington 25, O. C. for 85 cents. Similar information for regular Weather Bureau stations may be found in the 1981 annual issue of Local Climatological data for the respective stations, otherwise as indicated above, price 18 cents.

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LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

MARCH 1963 Volume 68 No. 3



ASHEVILLE: 1963

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					Temp	erotu	re											Precip	oitation					-
	T							$\neg$	T		No.	of D	oys		1			i		v, Sleet		1	No. c	f Days
Station					Narmal					Days	Max	.	Min.			e leur	Day			Depth		Mare	Mare	Mare
		Average	Average	Average	Departure Fram Narr	Highest	Date	Lowest	Dote	3ree	Above 32° or	Below 32" ar	Below Below	Total		Prom Narm	Greatest	Date	Totol	Max De	Date	.10 ar M	.50 ar M	1.00 ar A
NORTHWEST PLATEAU																-				20	,			
BRADFORO FAA AIRPORT BRADFORO 4 W RES CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE CORRY COUCERSPORT 3 NW OU BOIS FAA AIRPORT EAST BRADY ERIE WB AIRPORT FARRELL SHARON FFANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEADVILLE 1 S MERCER 2 NNE TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN		42.7 44.7 44.2 47.0 43.0 43.0 45.1 53.8 46.3 51.4 49.0 49.5 45.9 44.1 45.9 45.9 45.9 47.5	24.7 21.2 25.8 24.6 27.5 26.1 21.88 29.9 29.1 34.2 26.7 29.6 26.6 22.0 26.9 27.4M 24.2 21.3 27.0	33.7 33.0 37.6 34.4 37.3 36.2 32.4M 36.9 41.9 37.7 42.8 37.9 39.6 36.3 33.1 36.4 48.3M 34.9 37.3	2.9 4.1 4.3 3.1 3.2 2.2	70 71 77 64 77 74 63 75 80 78 80 76 77 72 77 78 76	29 29 29 29 30 29 29 29 29 29 29 29 29 30 30 29 29 29 29 29 29 29 29 29 29 29 29 29	1 1 - 1	1 1 3 11+ 1 11+ 15+ 3 1 1 1 1 1 1 1 1	961 9868 843 947 854 885 1008 865 707 833 779 983 881 8127 996 850	000000000000000000000000000000000000000	503244304111424137	26 27 26 26 26 28 21 19 23 14 23 20 20 20 21 22 22 22 23 24 25 26 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 74 11 19 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	62 04 1.02 49 11 .05 .14	.60 .51 .79 .65 .60 .59 .55 .64 .70 .53 .52 .56 .64 .73	20 6 20 20 9 4 6 19 20 20 20 20 20 20 20 1	13.3 16.55 9.1 18.0 14.0 23.1 17.8 15.6 10.9 13.0 10.7 11.5 14.0 17.8 7.0 17.8 11.5 12.8	28 13 9 20 28 12	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	09901 1111 1992 0008 838 11099 21	200000000000000000000000000000000000000
POCONO MOUNTAINS  BEAR CREEK DAM  FREELANO  HAWLEY  PLEASANT MOUNT 1 W  SCRANTON WB AIRPORT  STROUGSBURG  TOBYHANNA		43.2 45.6M 46.0 40.7 47.9 46.7 48.0 44.3	22.4 26.6M 21.4 21.3 27.3 29.7 25.5 24.3	32.8 36.1M 33.7 31.0 37.6 38.2 36.8 34.3	2.7 1.1 3.0 0.2	70 71 73 64 74 72 77 69	26 26 26 26 26 25 25 25	2 15 ~ 4 1 11 14 6	4+ 1 3 1 3 1 1	991 888 964 1050 842 820 868 944	00000000	1 2 6 3 2	25 29 29 23 19	0 1 · 0 2 · 0 4 · 0 2 ·	34 81 19 95 19 27 86	- 1.48 61 64 93 63 .15 - 1.60	. 73 . 82 . 86 . 77 . 53 . 58 . 90 . 68	2 27 2 2 2 3 1 1	11.00 11.4 12.8 13.6 6.3 8.3 8.5 13.6	15 16 34 34 35 36 31 36 31 36 31 36 31 36 31 36 31 36 31 36 31 31 31 31 31 31 31 31 31 31 31 31 31	2	3+ 2 3+ 2+ 1	0 5 7 9 6 5 0 0	3 0 2 0 2 0 3 0 1 0 1 0 3 0 2 0
OIVISION				35.1	1.1						-			2 .	87	80			10.					
EAST CENTRAL MOUNTAINS																								
ALLENTOWN WB AP ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON	R	48.5 49.4 50.0 48.0 49.3	30.5 31.4 33.2 29.5 25.4	39.5 40.4 41.6 38.8 37.4	1.9 2.2 1.8 1.4		26 25 25	13 17 20 12 10	1 1 3+	783 756 719 806 848	0000	1 1 1 1 1	20 17 16 18 25	0 3 0 4 0 3 0 4 0	97 88 14 57 15	.18 .13 .54 .01	. 7' . 8( . 9' . 5:	2 9 6 8 6	6.	9	4	3+	8 10 11 8	3 0 3 0 3 0 5 0
DIVISION		1		39.5	2 • 2									3	94	.07			1					
SOUTHEASTERN PIEDMONT  COATESVILLE 1 SW OEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORO 1 E HOLTWOOO LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LEBANON 4 WNW MARCUS HOOK MORGANTOWN MT GRETNA 2 SE NORRISTOWN PHIL OREXEL INST OF TEC PHILAOELPHIA PT BREEZE PHOENIXVILLE 1 E OUAKERTOWN 1 E READING WB CITY WEST CHESTER  OIVISION LOWER SUSQUEHANNA	R	52.1 51.4 54.2 49.8 49.8 50.9 54.9 49.1 48.5 53.6 51.8 51.5 53.6 53.3 52.3 52.3 52.4 54.4 51.7 51.7	31.9 31.1 22.7 30.5 30.1 33.2 30.5 31.0 31.6 36.8 31.9 33.4 37.6 33.4 38.6 31.1 30.2 35.9	42.0 41.3 43.5 40.2 40.0 42.1 42.7 40.1 45.2 42.3 41.7 43.5 42.9 45.6 42.8 41.0 43.8 41.0 43.8	2 · 8 8 0 · 4 4 2 · 1 1 · 3 2 · 4 2 · 5 1 · 2 2 1 · 8	76 77 78 80 79 78 80 78 78 78 80 78 78 78 78 78 78 78 78 78 78 78 78 78	255 256 266 266 266 266 266 266 266 266	24 19 22 19 20 22 21 18 20 31 24 29 23 30 19 17 72 21	2 1 1 2 11+ 3 1 5+ 3 24 1 8 3+ 3	705 727 659 762 769 703 683 764 606 714 6598 6891 738 649 703	000000000000000000000000000000000000000	0100N00NN0100000010	16 18 17 18 8 17 19 15 7	0 4 4 4 4 4 3 3 3 3 3 3 4 4 4 4 3 3 3 3	000 008 14 03 97 441 777 777 88 88 664 660 625 994 008 331 556 88 83	11 .49 04 .07 04 .66	.7 .8 .8 1.0 .7 .7 .5 .8 1.0 1.0 .7 .7 .7 .5 .6 .6	23 6 6 6 7 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6	3. 4. 1. 2	8 1 5 1 0 0 0	3 1 0 1 5 0 0 0 7	2+ 1 2+ 2 1	8 10 10 8 8 8 9 8 9 11 12 10 8 11 11 11 11 8 9 8	2 0 0 0 0 0 0 0 0 0 1 1 1 2 0 0 0 0 0 0
ARENOTSVILLE BLOSERVILLE 1 N CARLISLE GETTYSBURG HANOVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA OIVISION	R	50.7 49.7 53.1 51.7 53.0 51.8 51.2 53.1 54.3	31.4 32.2 31.2 33.5 34.0 34.6 31.1 31.8 32.4	41.1 41.0 42.2 42.6 43.5 43.2 41.2 42.5 43.4	2.1	7 8 8 7 7 7 7 8 7 7 7 7 7 7 7	7 26 0 25 8 26 9 26 0 25 8 26 7 25	22 20 23 25 25 24 22 23 20	3 1 3	688	0 0 0 0 0 0	0	18 15 14 21 19	0 4 0 4 0 4 0 3 5 0 4	.58 .25 .07 .90 .35 .86 .54 .63 .12	.67 .51 .29 1.06 .53 .43 1.91	1.0	14 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5 5 5 5 1 8 1 0	5 3 1 5 1 0	2 2 11+ 11+ 12+ 11+ 2 1 1	8 8 10 8 7 10 8 9	5 0 4 1 3 0 6 0 0 4 0 2 4 1 3 0
MIOOLE SUSQUEHANNA																								
BERWICK ENGLISH CENTER LEWISTOWN MILLVILLE 2 SW NEWPORT SUNBURY		48.3 47.2 51.5 45.7 51.1 50.3	27.6 23.0N 28.9 26.5 29.0 27.3	38.0 35.1 40.2 36.1 40.1 38.8		7 7 7 7 7	3 27 8 26 1 27 9 26	+ 10 20	0 1		3 0 4 0 7 0 3 0	1 2	25 21 23 20	0 3 0 3 0 3	.48 .79 .49 .17 .84	- •49	9 .9	9 !	0	5	9134	1 2 2 2 2 2 2	7 8 8 10 8 8	1 0 4 0 1 0 3 0 2 0

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				Ten	perot	ure												Preci	ipitotion					
										٨	vo. of	Days							Sno	w, Sleet		1	lo. of	Doys
Stotion	Average	Average	Average	Deporture Fram Normal	Highest	Date	Lawest	Dote	Degree Days	Above	32° or xo	Below		Total	Deporture	From Normol	Greotest Doy	Date	Totol	Mox. Depth on Ground	Dote	.10 or More	.50 ar More	1.00 or More
ER CITY 2 E LIAMSPORT WB AP DIVISION PER SUSQUEHANNA	47.1 48.1	29.5 29.5	38.3 38.8 38.2	1.4	76 75	26 25	13	3	820 803	0	1 2	20	0 0	3.52 3.14 3.32	-	•59	•77	5	4 • 7 9 • 2 6 • 7	10		e 9	2	0
FINBURG 2 W FON 1 NW DN LES MERE RENCEVILLE 2 S ROSE ANDA 1 ESE LSBORO 3 S DIVISION	44.6 43.0 46.9 41.0 46.9 41.9 47.8 42.1	23.7 26.3 23.2 24.5 26.3 23.3 26.5 24.3	34.2 34.7 35.1 32.8 36.6 32.6 37.2 33.2	2.7 1.8 1.7	68 67 73 65 69 67 73 64	27 27+ 27+ 26 26 27 26 27	5 12 0 13 4 9 4	1 1 4+ 11 1 1 3 1	948 934 919 995 872 996 856 977	0000000	2 3 5 1 4	28 25 26 24 28 26 25 25	0 0 0 0 0 0 0	2.57 2.58 3.05 3.43 2.54 3.90 2.85 1.80	-	•25 •01	. 52 . 60 . 86 . 74 . 55 . 83 . 55 . 37	10 2 2 2 20 2 10	7.0 14.9 13.5 18.0 5.0 19.2 17.0 16.0	10 13 18 31 7 26 11 24	2 2 2 2 2 10+	7 9 9 8 11 7	2 1 1 2 1 1 1 0	0 0 0 0 0
NTRAL MOUNTAINS LEFONTE 4 S BOIS 7 E BRIUM 1 N L HAVEN TRA LIPSBURG FAA AP DVO SWAY E COLLEGE	48.4 47.0 44.0 49.0 45.7 44.6 49.8 47.4 46.8	29.4 26.2 22.2 28.5M 23.7 26.7 23.0 24.5 29.2	38.9 36.6 33.1 38.8M 34.7 35.7 36.4 36.0	3.5	74 69 67 75 70 68 75 75	26 29 30 26 27+ 25 27+ 30 26	6 14 8	3 11 1 3 11 3+ 1	808 873 985 805 934 905 879 894 829	000000000	2 2 4 2 2	21 25 30 19 29 24 28 24 23	0 0 0 0 0 0 0 0	2.71 3.81 3.76 3.13 3.96 3.23 3.31 3.08 3.80	-	•54 •15 •36 •10	•70 •66 •72 •56 •80 •55 •66 •76 •72	10 20 20 5 4	3.5 16.5 19.5 8.5 8.8 14.2 9.1	5 18 18 11 18 16 7	2+ 2 2 2 3+ 2	11 9 8	2 2 3 3 1 2 1 4	0 0 0 0
ITH CENTRAL MOUNTAINS DONA HORSESHOE CURVE IT CABINS 2 NE ISSURG ETT 1 SW INGOON INGOON INGOON INSTOWN INSBURG FAA AP	50.8 53.8 47.4 50.1 50.6 49.8 52.2 50.0	29.6 30.2 28.8 29.9 28.8 32.1 29.4 32.5	40.2 42.0 38.1 40.0 39.7 41.0 40.8 41.3	3.8 3.9 1.9 2.4	78 70 75 78 73 75	25 26 29 26 29 30 29 25	14 15 18 13 16 20	15 15 1 3 3 16+	758 706 829 768 780 739 741	0000000	0 4 1 0 4 0	20 17 23 18 21 16 24	0	3.42 4.77 D 5.63 4.95 6.17 4.38 D 5.12 5.66 4.52	_	.29 .50 .89 .66 .88	.75 1.35 1.69 1.52 1.24 1.45 1.62	5 5 5 5 5 5 5 5 1 4	11.4 14.5 9.1 13.0 11.5 9.5 9.4 9.8	9 16 5 6	3+ 2 2	13 12 12 8 9 10 5	4 5 2 5 3 5 4 4	0 1 1 2 1 1 4
THWEST PLATEAU  RSTOWN 3 WNW RSVILLE 6 ENE ETTSTOWN 2 W ER SVILLE 3 W LUENCE 1 SW DAM GAL RA CITY 4 S DAM ANA 3 SE ON CENTER 2 SE GOMERY LOCK AND DAM CASTLE 1 N LL STANTON SBURGH WB AP 2 //R SBURGH WB CITY R EYVILLE 2 SE DAM NA 3 W PERY ROCK STOWN NTOWN NTOWN ESBURG 1 E	51.4 47.3 50.6 49.5 50.6 51.3 57.8 50.0 51.5 47.8 752.4 53.7 52.4 53.7 52.4 54.3 54.3 57.9 48.7 52.9 49.5 47.9 52.9 53.9	31.7 31.4 27.9 30.5 27.6 28.4 33.8 28.4 29.6 932.3 29.1 31.9 28.7 31.3 36.2 27.9 29.1 31.5 27.7	41.6 39.4 39.1 38.7 42.5 39.1 39.9 45.8 39.2 40.6 43.0 43.0 40.8 43.1 40.7 45.1 38.3 40.6 40.6 53.7 8.3 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6	0.8 3.7 4.0 3.2 3.9 4.7	77788882887777777777777777777777777777	29 29 30 30 30 29 30 29 30 29 29 29 29 29 29 29 30 29 30 29 30 29 30 29 30 29 30 30 29 30 30 30 30 30 30 30 30 30 30 30 30 30	19 12 14 15 13 17 15 18 19 17 17 17 12 17 17 17 17 17 17	23+ 233 3 4 3 3 23+ 3 15 15 1 3 15 3 23+ 15 23+ 15 3 15 15 15 15 15 15 15 15 15 15 15 15 15	7207 7893 8111 6896 7739 5892 7590 8194 6745 6747 6747 6747 6747 6747 6747 674	000000000000000000000000000000000000000		199257224062212293522384224	000000000000000000000000	5.10 5.47 6.52 4.92 6.51 6.76 6.80 5.26 4.96 7.67 5.42 4.47 6.86 7.89 5.63 4.48 5.82 2.88 5.82 2.88 5.82	1 1 2 2		1 · 47 1 · 26 2 · 32 1 · 11 2 · 40 1 · 79 2 · 08 1 · 30 1 · 27 1 · 80 1 · 27 1 · 60 0 · 87 2 · 60 1 · 70 1 · 88 1 · 88 1 · 88 1 · 88 1 · 88 1 · 88 1 · 88 2 · 60 1 · 79 2 · 60 1 · 79 1 · 88 2 · 60 1 · 79 1 · 88 2 · 60 2	44555545555555444045 45	2.44 17.99 3.00 1.00 8.55 1.33 6.00 5.00 5.00 5.03 4.55 7.99 4.55 2.55 8.55 1.22 6.55	2.25 55 59 466 77 288 53 611 444 447	2+ 2+ 1 1 3+ 21+ 1 2 1 2+ 1	14 11 10 12 15 12 13 10 13 10 14 6 11 11 10 11 14 9	34 4553434446343242 4	1 1 2 2 2 1 1 2 2 1 1 1 1 1 1 1 1 1 2 2 0 0 1 0 0 2 2
IVISION			41.0	2 • 8										5 • 40	1	•66			5.6					

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 83° on the 30th at Newell

Lowest Temperature: -9° on the 1st at Titusville Water Works

Greatest Total Precipitation: 8, 11 inches at Creekside

Least Total Precipitation: 1, 80 inches at Wellsboro 3 S

Greatest One-Day Precipitation: 3.16 inches on the 27th at Creekside
Greatest Reported Total Snowfall: 23.4 inches at Lewis Run 3 SE

Greatest Reported Depth of Snow on Ground: -37 inches on the 8th at Lewis Run 3 SE  $\,$ 

	r -	_												20	( ) (												-			MARC	CH 1963
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of Mor		16	17	18	19	20	21	22	23	24	25	26	27	28	29 30	31
ACMETONIA LOCK 3 ALLENTOWN W8 AP R ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE	5.72 3.97 3.88 4.77 4.58	.07 .76 T	.64 T .80 .21	T	•36 •68	1.91 .11 .55 .75	•18 •79 •45 •50 •65	•33 T •32 •07	•02 T	*01 T	.49 T	.01 .26	.25 .14 .32 .15	•11 •03 •02 •05	Т		.08 T	.14 .18 .26 .25	.02	.33	.98 .24 .45 .55	.08 T T .12	. 02				.62	•38 •06 •71 •17 •24	Т	•0	01 T
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAR GAP	2.57 5.10 2.17 3.31 3.08	T •87 T	.50 T .40 .73	Т	T 1 • 47 T	.04 T .20	•10 •29 •05 •14 •44	.30 .04 .30 .21	T T •04 •11	7 •52 •05	.27 .06 .01	T •13 •04	•10 •08 •13 •13	•10 •02 •04	•18 •06 •36		.02	•12 •08 •40 •15 •10	.06	.12	•52 •65 •39 •61 •51	.10 .17 .12 .06	•03 •02	Т			•24 T	.28 .25 .09 .59	•02	*1 T	0
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BERNE	4.54 3.19 4.28 2.71 3.42	•03 T	.66 .62 .53 .22	Т		1.33 .63 .66 .70	•37 •25 •40 T	•11 •31 •60	*10 T	.04 .02	•24 •02 T •15	т	.05 .28 .36 .20	.03 .01 .02	•08 •10			.05 .12 .42 .08	T	T	.89 .58 .55	.15 .02 .04 .07	.04	•03		т	Т	. 27 . 25 . 65 . 34 . 48	Т	T T	.15 T .05
8ERWICK BETHLEHEM 8ETHLEHEM LEHIGH UNIV 8LAIRSVILLE 6 ENE 8LOSERVILLE 1 N	2.48 3.76 4.14 5.47 4.25	•55 •67 •32 T	.65 .05		.25 .44 1.26	T •48 •12 •50 1•04	• 20 • 49 • 99 • 34 • 48	•01 •41 •21 •13	T *10 T	T T •02	*03 T	.04 .13 .23	.03 .31 .25 .07	.37 T .01 .05	T T		.02 .06 .03	.13 .20 .21 .38	т	.45 .27 .20	.08 .47 .26 .68	T T .36	T +10				.22 .67 .05	.07 .75 .06 .13		• C	03
BOSWELL 1 SW BRAOOOCK LOCK 2 BRAOFORO FAA AIRPORT BRAOFORO CNTRL FIRE STA BRAOFORO 4 W RES	6.96 5.81 3.10 2.46 2.53	•24 •07 •56 T	•63 •91 T •35 •14	.03		2.31 2.03 .01 .03	•28 •16 •60 •18 •28	.15 .36 .01 .19	.05 .02 .07 .06	.21 .04 .02	.23 .25 .05 .04	10 T •06	.61 .21 .02 .13	1 •12 •18 •15 •32	*02 •15 •01	τ	т	•51 •27 •23 •15 •14	T T		1.18 1.03 .20 .49	.28 .02 .05 .10	•11 •01 •01	T T		т	•16 T •04	.33 .30 .02 .19	Т	•1	•05 •05 17
8REEZEWOOO 8RUCETON 1 S 8UFFALO MILLS 8URGETTSTOWN 2 W BURNT CABINS 2 NE	3.62 5.92 5.50 6.52 5.63	•18 •06 •16	* •45 •74	т		2.10 1.50 2.32 1.35	•40 •18 •56 •72	•09 •45 •04	1.50 .02 .03	* 35	• 06 • 42	1 • 20 • 32 0 • 25	•10 •27 •90 •27 •75	.10			*12	• •32 •21 •58	•25	.03 .06 .23	.85 1.25 1.00	•17 •02 •10	•07				т	.31 .26 .34			•05 •12
BUTLER CAMP KLINE CANTON 1 NW CARLISLE CARROLLTOWN 2 SSE	4.92 3.40 2.58 4.07 5.08	•08 T •52 •06	.60 .56 .49 .14		•01 •44	1.11 .13 T .74 1.70	•51 •62 •32	.09 .76 .34	•05 •07 T	+05 T	* •52 •60	•49 T •30	•09 •22 •22 •40 •31	.03 T	•14 •20	т		•07 •23 •37	•12	T •02	1.03 .54 .45 .39 .57	.06 .08 .05 T	.05 T	т		Т .	•20	.45 .38 .14 .05	Т	•1	•02
CARTER CAMP 2 W CEOAR RUN CHAOOS FORO CHARLEROI LOCK 4 CLARENCE 1 E	3.67 3.91 3.98 6.05 3.07	.19 .03	.40 .30 .30 .90		т	.70 2.15 .25	.22 .62 .51 .20	.41 .63 .31 .27 .25	T •03 T	T T	•51 •50 •24 •28	T • 01 T	•58 •23 •47 •21 •49	T T	.25 .30			•17 •02 •51 •40 •08	.04 .01	•03	.74 .57 .60 .85	.10 .25 .08	•02 •03 T	Т			Т	•22 •43 •58 •26 •27			.23 .03
CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELO CLERMONT 4 NW	3.74 3.44 6.51 5.26 3.21	•08 •04 T	.45 .60 .78 .60		•02	.44 .58 2.40 .62 .08	•16 •49 •35 •43 •22	.46 .21 .07 .45	•06 •02 •02 •04	•06 T T	.49 .35 1.04 .24	.02	.37 .16 .58	.03 .01 .03 .02	•10 •08			.20 .23 .52 .15	т	.14	.79 .53 .90 .70	.14	.03	Ť				.35 .42 .31 .33	Т		•29 •05
COATESVILLE 1 SW CONFLUENCE 1 SW OAM CONFLUENCE 1 NW CONNEAUTVILLE CONNELLSVILLE	4.00 6.76 6.83 3.49 5.82	*11 *19 T	.40 .85 .91 .51	T T	•12	.70 1.79 1.73 .11 1.90	•51 •23 •27 •60 •08	.46 .16 .18 .03	•01 •01 •20 •02	T T	•18 •18 •08 •25	•01 •01 T	.49 .57 .59 .11	*05 *03 *14	•03	Т		.49 .72 .64 .08	т	.04 .05		•25	*07 T	Т				.49 .15 .27 .35			•12 •15 •3
CONSHOHOCKEN COOKSBURG CORAOPOLIS NEVILLE IS CORRY COUDERSPORT 3 NW	3.95 D 4.41 V 5.25 3.18 2.72	•060 •21 •32		•12	•34 •05 •04	.61 .26 1.98 .03	•56 •33 •55 •36 •15	.09	•02 T •15	.01 .07	* •05 •21	.58 .32 .07	•06				Т	.47 .10	.24 T .01	.01	.52 .85 1.02 .59	•20 •14	T .01				.01	•32	+01	:	05 26 04 •01
COUDERSPORT 6 E COVINGTON 2 WSW CREEKSIOE CRESSON 2 SE DANVILLE	3.23 2.20 8.11 5.38 2.66	T •10	.44 .34 .70 .56		Т	.10 1.45 1.65 .36	T T •10 •10 •20	.48 .54 .30 .40	•05 T •16	Т	.34 .34 .63 .28	Т	•35 •12 •17 •50 •20	•15	•12 T			.10 .04 .15 .28 .16	Ť		.69 .44 1.10 .62 .48	.07	Т				•55	.19 3.16 .40	Т		-10 T
OEVAULT 1 W OIXON OONEGAL OONORA OOYLESTOWN	4.08 3.05 6.80 5.26 3.82	.02 .78	T •86 •05 T •55		.53 .11 2.08 1.18 .05	.02 .15 1.30	.82 .19 .50 T		•07 T	•10 •13	* 42 T	•25 •13	•22 •01	. 02			. 52 T	.33 .09 .08 .47	* °1	- 40	.47 .23 T	•26 •11 T	.02				.28 .13	•18 •13 •12 •50		T	.02 16 T 25
OU 80IS FAA AIRPORT OU 80IS 7 E OUSHORE 2 SSW EAGLES MERE EAST BRAOY	3.41 3.81 2.67 3.43 4.09	*17 T			•35 •18 T T •54	.22 .04 T	.48 .04 T	.12 .27 .44		.48 T T	•66 •36 •30 •20	.10 .02	•10 •05 •26	•03 •06 T	• 26	T T	1	.11 .05 .05		*62 T *05	.65 .55 .43	•10 •07 •13 •51	Ţ	T		į	.22 .06	.45 .68			.03 T .06
EBENSBURG EMPORIUM 1 N ENGLISH CENTER EPHRATA EQUINUNK 2	4.95 3.76 3.79 4.14 4.21	.03 T	.43 .48 .45		•20	1.69 .02 .05 .62	•20 •13 •63 •40	• 54	.02	T .03		•15	.24	•22	•11 •11			.32 .15 .45	Т		.50 .72 .71 .50	•20 •05	.01					• 31 • 32 • 45 • 50			.08 .08
ERIE W8 AIRPORT EVERETT 1 SW FARRELL SHARON FORO CITY 4 S OAM FRANKLIN	2.84 6.17 3.97 4.96 2.75	.57 .5 .17	• 92	T	.40	1.52 .10 1.35	•51 •26	•53	•05		• 03		•95 •12 •05	.1: .0:	•04		.02	.07	T T	.70	1.08	.07 .12 .15	7 2 5 T	Т			.3	•28 T •31	L T		.03 .38
FREELANO GALETON GEIGERTOWN GEORGE SCHOOL GETTYSBURG	2 • 34 4 • 22 4 • 10 4 • 03 4 • 90	2 T	•72 •44 •67 •57		•03	•75 •49 •92	•43 •30 •73	.48 .68		.05	-40 T		•40 •50 •41 •74	. O1	ιт			•10 •27 •40 •46 •53			•73 •45 •52		3	,				.8; 1.20 .4; .5; .4;	2		.01 .01
GLEN HAZEL 2 NE OAM GLENMOORE GLENWILLARO OASH OAM GOULOSBORO GRATERFORO	3.95 4.27 5.29 2.81 3.8	9 .08 L T	.48	) T	•02	.61 1.78 .08 1.40	•53 •41 •22 •35	.42 .11 .10	•03	т	• 44 T	2 •0! 9 T	•10 •18 •43	0 .00 T	2 T 9 •15			.32 .53 .15 .12	.02	2	. 95 . 86 . 49	• 0 5 • 0 5	5 . 01				т	.6: .2: .6:	2		•02 •09 •02
GRATERFORO 1 E GREENSBORO LOCK 7 GREENVILLE HANOVER HARRISBURG WB AP R	3 · 9 · 6 · 3 · 3 · 4 · 4 · 3 · 3 · 8 ·	0 .29 5 T	.95 .12	: T	• 2 2	.18	.44 .64	.16 .16	•10 • •07		7 •0: T		1 .1	1 .0	D T B 2	Т	T • 05			•1: •1:	.5:	•1		2 • (	04		02 • 3	. 2 6 • 0 • 5	3 T		.20 .03
HARR1SBURG NORTH HAWLEY HOLLISTERVILLE HOLTWOOD HONESOALE 4 NW	3.8 2.8 2.9 3.4 3.5	1 T	.86 .92 .33	3	т	.85 T T .66	•21	·22 ·25 ·25 ·22 ·21	• 01	3 Т	•0:	9 T	•6! •1! •4: •3:	7 .0:	4 •07 2 •14 2 •19			.28 .10 .09 .42 .20	. O:	i	.50 .4!	0: 0: T	3 T	Т				.51 .41 .41	5		T T .06
HONEY BROOK 1 W HOP BOTTOM 2 SE HUNTINGOON HUNTSOALE HYNOMAN	3.7 3.2 4.3 4.2 5.9	1 8 •15 4 T	.25 .80 .41 .61	) [ 2		1.24 1.40 2.02	• • 25	.25 .63 .12 .16	3 T 2 T		•0		.5 1 • 1	7 8 0 5	• 55 T			.51 .08 .21 .37	.0		.4: .7: .4: 8 1.1:	.51 .01 .01	2 4	, 7			•5		0 6 2		•15 T
INOIANA 3 SE JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN KANE 1 NNE	5.0 3.0 2.2 5.1 3.4	2 •02 3 •02 2 •54	· · · · · · · · · · · · · · · · · · ·	6 0 8	•0:	1.80 .20 .13 1.45 3 .06	·43	3 .08 2 T 0 .10 3 .21	T +01	9 •0. T	•4 •0 •2	2 4 4 4 •0		8 •2 9 •0 6 •0 8 •1	1 •01 2 •08 2 4 •22			.39 .05 .10 .56	. O:	2	.7 .4 .2 .8	.1	5 T 5 T •1	4			Т	.3 .2 .2 .2	9 6 3 7		.2' T .06
KARTHAUS KEGG KITTANNING LOCK 7	3.8 5.6 4.5	3 T 6 1.62 0 .05	- 41 2 5 - 4	0 7 T	1 • 4 : T	2 .22 1.08	2		1 T	0 .0	4 .4	1.0	9 •1		• 05 8			•15		1.3	.7		ļ	Т			T	. 3			.01 .11

## DAILY PRECIPITATION

								Ι	AC	ΙL	Y	PF	RE	CI	PIT	۲A	ΤI	O	1											54 444		
Continued		-																												PE NN: MAI	RCH :	LNIA 1963
Station	Total	1	2	3	4	5	6	. 7	8	9	10	11	12	13	y of r	Month 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 3	30	31
RESOUVILLE 3 W ARE MINISINA AREVILLE 1 NNE ANCASTER 2ME PUMP STA ANDISVILLE 2 NW	3.96 4.41 2.88 3.77 3.77	•16	.86 .98 .94	,	•11	.37 .12 .03 .70	•22	.43 .23	• 0 3 T		.03 .04 .09		.3 .3 .1	7 .02 1 .02 9 .04 9 .02	• 04			.28 .13 .09 .45	1	*03 T	.57	•01 •04	.01	20	24	20	7	•72 •86 •44 •47	20	23	.02 .02	, 10.
AWRENCEVILLE 2 S EBANON 4 WNM EHEGHTON E ROY E-15 RUN 3 SE	2.54 3.88 4.19 2.83 3.49	Т	•63 •93		T	.04 .83 .46	.49 .40 .48	7 •10 •26 •33		.07	•01 •02 •65		•05 •55 •45	- 21 2 - 02 5 T	. 32			.17 .31 .20			•55 •37 •64 •46	T -10					Т	•32 •22 •57 •70 •16			.02	•01 •
EWISTOWN OCK HAVEN ONG POND 2 16 YNCH	3.49 3.13 3.89	•01	. 55 .74		• 03	•10 •94 •22 •20 T	•10 •18 •13 •28 •34	•35 •59 •53 •35 •30	*17 T *12 *10	.04 .02 T	•05 •35 •06		• 29 • 32 • 26	2 .05	.18		_	.16 .04 .23	.03 T		.53 .50 .56	T	•24 T					•23 •19 •19 •83	+02		•02	.10 . T . I .
AGERA  AHAFFEY  APLE GLEN  APLETON GEPOT  ARCUS HOON	3.96 5.27 3.87 4.22 4.64	.07 .06	•42 •51 •57	Т	.48		•06 •30 •50	•31 •18 •34	*14 T	.03	.55 .80	•04 T •28	• 23 • • 50 • 43 • 52	-18 T	.07 .04 .01		.30	.15 .22 .49 .35	•05	T 34	.73 .76 .54 .43	.09 .02 .07	T	Т			.38	.52 .39 .40 .45 .15	•02		•13	.06 . 12 . T .
ARION CENTER 2 SE ARTINSBURG FAA AP ATAMORAS CONNELLSBURG C KEESPORT EADVILLE 1 S	5.67 4.52 3.01 4.96 5.33 3.41	•64	T •69 •56	•02	2.08	1.32	•22 •75 •07 •37		•17 T	.02	T	.02 .41 .14	.04 .08	T .06	•02 T	Т	•08	•15 •11 •27 •37	.01 T .08	T .96	.94 .13 .44 .81	.15 T .12 .18	.03 T	T			. 28	.47 .02 .39 .33	•02		.03	.07 ·
EOIX RUN RCER 2 NNE RCERSBURG YERSOALE 1 W LANVILLE	3.63 4.05 5.54 6.16 3.46	•02 •01 •12	•36 •70 •78		1	.21 .40 1.12 1.68	•11 •25 •63 •36 •20	.39 .14 .06	•06	T	•79 •40 •12 •10	•04		•02 •05 T	•10			.09 .20 .53 .57	T .O.	T .06	.73 .68 1.00 1.07 1.25	•22 •09 •01 •0	.02 .01 T	'			T	.30 .42 .70 .33 .22	T . 25		.24 T .15	T
LLHEIM LLVILLE 2 SW LROY MTGOMERY LOCK AND DAM INTROSE	3.18 3.17 3.61 5.42 3.90	T 1 •10 •05 •02	.48 .90 .54 .62	T	т	.60 .22 .82 1.66	•10 •30 •25 •60 •30	.42	**************************************	.02 T .04 .03	T •06 •49 •38	, 13	•30 •22 •22 •12 •27	*04 T	•11 •17 •06	т		.08 .13 .15 .15	T •07	т	.48 .47 .45 .80	.03 .13 .15 .05	T T • 01	T T			. 45 T	.45 .28 .35	Т			T . T
RGANTOWN GRETNA 2 SE ERSTOWN IRONA LOCK 4 SHAMINY FALLS	3.60 3.75 3.40 5.99 4.46	• 32	•49 •92 T	•02	.52 .70	•53 1.76 •11		•19 •32	•09	• 03	•53 T	.10 .30 .04 .20	.38	.01 .04	• 03		•12 •09	•27 •21 •22 •21 •23	.01	•12 •29	.33 .15 .41 .87	.07 .10	•06	•01			•42 •30	T •09 •41 •41 •08	•01		T •02	T .
W CASTLE 1 N WELL W PARK MPORT W STANTON M TRIPOLL	4.47 6.86 3.72 3.84 2.89	•06 •50 •27 T •50	•51 •66 T		•13 1•20	.87 2.60 .59 .99	•40 •50 •67 •35	.03	•03 T	.60	•37 •15 •02	T •15 •15	•42 •32 T	•01 •03	• 02	т	•03	*22 T	Т	•40 •15	.75 .60 .23 .40	.16 .15 .04	.05 .10	Т			.05 T	.55 .20 .47 .51			.13 .20 T	•06 •
RRISTOWN RTH EAST 2 SE WELL 2 NW LM	4.05 3.60 2.54 2.57 4.37	• 55 T	.27 .51 .34 .36		*16 T T	• 45 • 53 • 04 T	•73 •50 •41 •35 •55	•24 •01 •06 •40	.08 .09	* 04 T	† † •47	•05	•39 •44 •26	•01 •29	•07 •27 T		•13	•27 •47 •16	T •02		•54 •47 •20 •54 •45	T T • 06	T • 01	т			T •72	.61 .43 .30		1	.28	.03 . .05 .
LMERTON RKER  JPACK 2 WNW ILL OREXEL INST OF TEC ILAOELPHIA W8 AP R	3.57 3.87 3.87 4.25 3.94	•50 •06 •33 •30	.46 .86 .01		• 44 • 25 • 37	.14	.58 .30 .22 .88 1.07	7 •26 •16	•02 T T	•04	•02 •50 •09 •01	•24 T •34 •24	.10 T .17 .35	*13 *10 T	T • 0 8		.04 .30 .28	•13 •14 •10 •25 •29	T	•36 •35 •30	•26 •63 •40 •30 •28	*19 T	T • 02	Т			•55 T •42 •30	•10 •37 •51		1	T	.16 . .04 .
ILADELPHIA PT BREEZE ILIPSBURG FAA AP OENIXVILLE 1 E KES CREEK TTSBURGH WB AP 2 //R	4.04 3.23 4.08 3.24 5.28	•75	.02 T	т	.41 .55 .48	.16 .13 .10	.31 .79 .30 .53	T •27 •01	•02 T	•30 •01 •44	*03 T *14	•27 •29 •25 T	•37 •09 •28 •19		T .16		.28 .01 .26	.26 .03 .26 .13	T T	•39 •46 •37	•20 •11 •16 •51 •06	.02	T T			т	•37 •35 •45	.01 .04 .05 .41		Т	.01 T	.02 T .
TTSBURGH WB CITY R EASANT MOUNT 1 W RT CLINTON TTSV:LLE TNEYVILLE 2 SE OAM AKERTOWN 1 E	5.63 3.19 4.15 4.17 4.48	•82 T	.77 .71 .88 .47		1.88 T	.70 .85	.39 .06 .51 .36	T •16 •33 •12 •21	T T .08	•43 T T •03	•02 •29 •03	•18	12 •41 •47 •14	.03 T .02 T	• 57		•12	•04 •11 •21 •28 •18	.05	1.10	.03 .32 .55 .58	.15 .02 .09	T T T				.20	•11 •51 •55 •69 •47				T .
YMOND ADING WB CITY R NOVO M CES LANDING L 6	4.31 2.70 3.56 3.31 3.06	•64 •03 •05	•76 •40 •02 •36 •33		•63	•13	.45 .05 .59 .09	•29	•83 T •14	T T	.34 .01 .65	•21	.44 .30 .21 .30 .15	.04 .04 T	•02 •03 •10 •13		•06	.38 .03 .24 .03	.02 .07	•39	.57 .48 .13 .63	T •06 T •06	T •01				•34 T	.57 .05 .41 .31			.03 .01	.03 .
DGWAY SMYTILE SSELL SAMORE 1 S	3.08 2.66 2.14 5.38	•12 •02	.23 .48 .36 .25	1	•01	•11 •19	•25 •20		•02 •05 •03 •08	•01	•15 •45 •35 T •35	•02 •02	.18 .16 .23 .11 .30	•03 •10 •15	•04 •28 •12			.48 .21 .15 .09	Т	•11	.38 .40 .68	.16 .16 .08 .06	* 03 T T	•01			T T	.26 .39 .18 .18		т т	Г	.26 . .03 . .05 .
KTON HENLEY LOCK 5 RANTON RANTON W8 AIRPORT	5.11 5.07 1.95 2.19	•09	.62 .60 .53 .01	Т	•08	1.54 1.56 .08 .01	•38 •36 •20 •28				•04 •50 •10	•24 T	.06 .81 .15 .02 .04	•11 •01 •10	T		Т	.30 .12 .15	T	.36	.64 .70 .34	.08 T	.06 T	•03 T			.36	•20 •27 •42 •46 •13		т		.01 . .02 . .12 .
IPPENSBURG NNEMAHONING LERVILLE LPPERY ROCK MERSET FAIRVIEW ST	4.63 3.31 4.02 2.84	.40 .02	•31 •28 •38 •45	•02	•33	1.09 .15 .06 .70	•57 •13 •17 •22	.39 .39 .16	+02	.05 .01 T	T •70 •55 T	T	.61	T T •01	•05 •07 T		Т	.06 .22 .10	•09 T	*05 T	.77 .55	.07 T .10 .08	•07 T T	• 03			* <sup>03</sup>	.28	Т			.01 . .05 .
RING GROVE  TYSTOWN RAUSSTOWN ROUOSBURG	4.48 3.80  3.99 4.27	•03	•71	<u>T</u>	- •23	.98 .72 -	•65 •14	.07 .61 -	T T T	•03 -	T	<u>T</u>	.66 .34 - .46	T T -03	T •13 T	<u>T</u>	- .08	.59 .38 .10 .33	<u>T</u>	-	1.13 .42 .53 -	. 35 . 08 -	*15 T T	<u>†</u>	- }	-	-	•36 •61 •41 -	-			.12 . T .
JMP CREEK IBURY FOUEHANNA IAOUA 4 N OAM	3.15 3.13 3.27 4.05	T	•35 •65 •63 •97		ī	.55 .46 .04 .47	•21 •26 •12 •46	.06 .37 .30 .16	.04 T .01	.17 T	.46 .04 .25 .04	•07	+12	•03	• 34		.08	.23 .08 .13 .08 .25	.02	•10	•54 •44 •54	.07 .06 .12 .03	T T T				• 77	•16 •23 •35 •42 •65		т		.20 . .02 . .10 .
DNESTA 2 SE DAM * "USVILLE WATER WORKS "YHANNA "PEOO 4 W "ANOA 1 ESE	3.26 3.17 2.86 3.31 2.85	T •54 •20	.43 .06 .19 .51	T .02	.08 T .09	•17 •01 •13 •10	•37 •50 •35 •20	.26 .03 .04 .25	•03 •07 •12			•12 T	•11 •13 •10		•01 T T •08	Ţ		•14 •14 •14 •28	.02 T	T •15	•47 •54 •52		.01 T T .04	T		•04		.10 .68 .18	T • 05	T	18	02 :
PER CITY 2 E DY CTLEPOINT 4 NE	3.52 2.91 2.73		•71 •53 •33		•01 •01	.77 .03	•29 •07 •10	•19 •40	•03	т .	.01 .63	• 02	•37 •17		•17			•24 •12 •17	•12		•45 •57	.07 .09 .05	.01					•17 •39 •11 •18			i	02 a 01 a
ONE 4 NE BALO EAGLE ON CITY FILT PLANT ONTOWN DERGRIFT GOINVILLE REN	3.57	.04 .68 .06	.60 .44 .24 .66 .72		•10 •99	.99 .08 .90 1.75	•26 •28 •43 •08 •49	.16 .02 .29	•06 •08 T •10	.06 T	•23 •02 •23 •58	•02 •22	.06 .05 .19	.28 .02 .05	•06 •03 •04		.01	.09 .35 .17		.64	.60 .59 .36 .98	•13 •19 •16 •08	.03 .03				•12	.18 .27 .27 .14 .31		4	32	07
SONTOWN NESBURG 1 E LLSBORO 3 S	4.57	•64 •19 T	.10 .86	T T	.50	2.18	•71 •24	т .	T T	.24 T	+12	.07 .20 T	•14 •20 •18 •12	•32 •50 T	•17		•24	•11 •04 •41 •05	•01	.12 1	•53 •57 •08 •37	T •16	•03 •07 T	•01			.38		• 0 4 T	•1	05	. 26

### DAILY PRECIPITATION

Continued																															MARCH	
~	[eg													Day	of N	loni	th															
Station	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESBURG WILKES BARRE	3.83 4.40 3.37 - 2.15	*02 *12	.35 .45 .53		•02	.63 .78 .12 1.33	.50 .85 .23 .10	.40		.10 T	•10 •63 •02		.48 .50 .10 .18	•01 •15 •13			1.20	.49 .60 .28 .12	T		.54 .52 .57 .64	•23 T	.03 - T	-	-	-	•03	.54 .70 .22	-	-	-10	· - T
WILLIAMSBURG WILLIAMSPORT W8 AP WOLFSBURG YORK 3 SSW PUMP STA YORK HAVEN	4.70 3.14 5.07 4.12 3.89	•62 •06	.60 .03 .54 .43	т	•08	1.45	•55 •23		Т	₹ •21	*08 *12 T T	•18 •07	.58 .17 .83 .47	T			•05	.31		•54	•96 •40	₹ •05	T			т	.19	.19			•01 T	
ZION GROVE ZIONSVILLE 3 SE	2.41		.58 .61			•40 •58	•14 •56						•10 •37	•06				•14			•42 •39	• 07						.40 .70				

PENNSYLVANIA MARCH 1963

Station																Day	01 10	lonth															9 Dh
Signon		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Aver
ALLENTOWN WB AP	MAX	29 13					40 33	4 I 3 l	44 29	45 25	46 32				46 30	44 26	49 26	53 36		4 I 25	43 32	42 30	45 31	50 27	66	77 33	74 38	58 43	70 39	60 35	59 39	65 43	48.5
ALLENTOWN GAS CO	MAX MIN	35 17	32 23	36 23	43	45 33		44 35	46 31	47 27	48 30	49 27	38 28	39 35	42 35	47 22	45 26		54 38	50 28	43 31	45 31	42 32	44 29	50 21	69	78 39	74 45	62	71 38	61 40	60 39	49.4 31.4
ALTOONA HORSESHOE CURVE	MAX MIN	30 23	32 23	51 21		39 34		38 28	42 26	45 28	41 32	37 20	48 25	62	54 29	46 18	48	72 35	62	39 26	40 30	38 24	36 25	49	70 33	74 40	72 41	59 35	67 39	70 33	66 40	64 43	50.8 29.6
ARENOTSVILLE	MAX	33 23	35 27	39 27		41 32	42 33	45 31	45 26	48 26	48 32	49 27	34 29	42	48 35	46 22	47 25	50 33	66	52 29	35 31	49 28	43			72 38	78 36	73 40	61	74 39	68 42	61	50.7 31.4
AUSTINBURG 2 W	XAM NIM	30 5	25 10					37 21	37 24	40	36 26	38 8	36 14	48 31	47 26	36 16		48 28	60 30	37 19	42 24	37 21	34	35 19	49	63	65 36	68 35	53 32	5 8 2 4	65 34	61	44.6
BAKERSTOWN 3 WNW	MAX MIN	36 24	35 23	46		47 35	39 30	40	43	40 32	40 31	42 22	63 39	64 38	42 25	45 17	55 26	70 40	50 31	44	45 32	3 7 2 7	31	48 17	71 32	75 48	67 44	60 32	70 40	77 40	67	63	51.4
SEAR CREEK DAM	MAX	26	28 12	29	39	42		37 28	38 I 6	40 17	43		35 16	42 32	38 28	38 17	39 17	43	51 33	39 17	38 24	39 23	34 25		45 18	64	70 32	68	48	6 I 27	57 35	52 37	43.2
BELLEFONTE 4 S	MAX	33 17	30 20	36 16		40		37	39 29	43 29	43	41 21	35 23	42	55 33	43	47 25	49	70 34	46 24	36 30	39 25	40	44	60	70 42	74 36	70 38	58	67	67	60	48.4
BERW1CK	MAX MIN	30 10	35 11	42 5	40 28	40	40 30	39 25	43 25	43	44	34 23	43	42	45 31	42	50 27	59 37	47	44	42 31	38	42	51 26	70	75 31	73	55	68	62	55 38	63	48.3
BETHLEHEM LEHIGH UNIV	MAX MIN	28	34 27	43 25	48	40	39 34	41 28	43 29	45 27	45	38 29	3 9 3 5	40	48 31	46	51 27	53	51 35	43	43	42	45	52 26	71	82	80	5 9 4 5	74	61		66	50.0
BLAIRSVILLE 6 ENE	MAX	30 22	28		46	40 37	37 26	30 26	39 27	42	37 26	32 21	54 32	55			49		51	35 29		29	29	46	66	71		57	69	77 48		62	47.3
BLOSERVILLE 1 N	MAX	36 20	34 24	40	40	41 33	41	43	42	41	45	47	33	40	49	46		49	71 36	50		44 28	42	45	55	73	77	72 42	61	74	67	61	49.7
BRAOFORO FAA AIRPORT	MAX	24	31 17	34 19	42	38	34 25		38	32	32		46	47	31		47		35	39	35 23	33	32	45 15	60	57	64	52	55	70	56	59	32.2
BRAOFORO 4 W RES	MAX	25	32	36 I 3	44	37	37 25	32	38	35 25	33	30	48	46 27	37	40	50	60	41	42	38	34	32	46	63	63	39 67	54	56	71	59	60	24.7
BURGETTSTOWN 2 W	MAX	33	40	35 12	50	41	46	37	39	45	40	42 21	45 27	64	63	41	47	32 56	70	20	50	39	35		52	70	74	30 65	61	72	31 79	62	50.6
BURNT CABINS 2 NE	MAX	37	37	50	51 26	45	41	41	46	48	47	45 25	44 27	61	52	47			37 47	49	31 45	26	42		72	76	78	35 63	73	74	70	68	27.6
BUTLER	MAX	32		14	48	42	45	36	39 31	45	31	39	40	60	33 61	38	48	38	69	27	3 I 4 3	37	36	33	26	36 71	37 71	67	39	35 69	40 78	33	30.2
CANTON 1 NW	MAX	28	23	34	42	44	35	37	38	38	35	40	35	38	40	17 36	38	43	29 55	39	31	37	35	21 35	48	29 58	67	34 67	34 52	33 59	60		27.9
CARLISLE	MAX	32	41	48	39	40	43	29	49	46	50	42	40	33	30 48	50		32 69	35 57	21	21 50	43	26 48	20 57	75	38	45 75	38	31 75	32 70	32 64	37	26.3
CLARION 3 SW	MIN	33	35	49	25	32 43	41	34	28	42	30	33	25 34	55		43	51	36 65	42	27	30 42	28	30	24 52	26 68	36 69	37 69	41 61	41 66	39 77	42 74	70	31.2
CLAYSVILLE 3 W	MIN	10	37	52	25	32	29	42	24 48	25	28	14	29 65	28	24	13	20	35 70	28	54	26 57	35	24	19	71	33	34 65	32 62	30 72	29 78	65	36	25.8
CLERMONT 4 NW	MIN	28	36	15 38	26	36 42	32		29 36	25 36		30	44	32	29 40	16	23	47 56	37 48	29	32	27	27	19	26	34	40	36	32	32	43	43	30.5
COATESVILLE 1 SW	MIN	34		18	50	30 46	43	24	30 47	30 50	25 55	52	24	32	22 47	6	18	40 52	26 70	26 52	28	20	18	12	26	38	46	30 75	30	26	40	28	24.6
CONFLUENCE 1 SW OAM	MIN	38	28	27	27 49	33	35 46	40	27 39	25	30 53	28	27	37 61	36 64	25 39	52	28	70	29	31	30		27	26	34	39 70	42	37	41	42 78	68	31.9
CONNEAUTVILLE	MIN	29	26 32	13	40	28	35 43	30	27 37	24	27 37	25 34	28	31	29 43	18	20		37	29	33	24	24	19	25	28	34	36	31	30	33	41	27.6
ORRY	MIN	30		19 35					27 37	27	27	7	26 52	32	17 35	15	24		26	23	31	26	23	15	35	49	49	32	29	30	51	67 31	47.0
OUOERSPORT 3 NW	MIN						27	26		26	21	7	30	30	17	10	25	38	25	23	26	24	20		67 32	66	66 42	58	30	74 30	68 51		46.3
EVAULT 1 W	MAX	- 1 30	17	10	25	30	45	46	50	50	10	- 1	41		23	, 7	15	34	24	17	23	27	20	11	21	31	32	31		26	57 39	28	43.0
DIXON	MIN	22	19	21	32	30	31	29	27	33	31	21	30	33			23	51	29	24	50	28	29		25	21	46	42	45	36		44	51.4 31.1
ONEGAL	MIN	,	8	0	0	28	32	31	19	21	26	18	18	33	32	20	20	24	37	20	22	25	26		22	23	30	34	38	25	25	34	46.9
IONORA	MIN	26	16	15	26	36	28		25	30	24	22	37	33	25	17	10	40	28	29	26	24	21	14	30	42	38	33	40	33	48	35	
U BOIS FAA AIRPORT	MIN	26	26	25		39	21	32	21	34	22	26	38	39	29	22	28	45	37	31	32	26	26	22	36	49	41	36	42	38	52	44	57.8 33.8
U 8015 7 E																																	45.1 28.6
		10	23	20	20	54	61	21	23	20	21	10	24	29	25	11	24	36	30	22	27	22	23	19	24	34	33	32	32	27	42	34	26.2
	MAX																																41 • 0 24 • 5
	MAX																																53.8 29.9
8EN\$8URG				10	- '	,,	- 1	20	23	21	20	10	21	50	40	13	30	36	30	25	28	22	22	18	31	42	39	32	43	37		38	47.4 28.8
MPORIUM 1 N	MAX	32 6	26 12	36 12	40	39 27	38 32	36 25	36 20	37 22	39 30	39 8	34 12	42 32	41 26	38	40 10	48 22	61	38 20	40 22	36 21	35 23	36 17	47 21	61 25	64 31	66	55 31	60 26	67 33	56 32	44.0 22.2
NGLISH CENTER	MAX	33 6	26 10	40 11	43 17	42 27	40 33	39 30	41 22	42 18	36 21	43 15	35 15	40 32	43 33	15			60	45 33	42 21	3 9 2 5	37 24	41	54	70 23	72 29	73 30	56 29	66 27	66 27	61 30	47.2 23.0
PHRATA	MAX	33 22	46 28	48 25	50 29	50 35	55 32	47 33	50 31	50 30	51 33	36 24	43	50 35	48 35	49	55 30	68 38	55 36	41 25	45 31	43	49	64 25	70 30	77 41	72 49	62	76 40	65 40	61 43	70 43	54.2 32.7

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Station							_										Of M		_														erage
	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avei
ERIE W8 AIRPORT	MAX	26	30 21	38 29 36	32	41 30 41	42 32 40	34 27 37	40 32 38	40 25 50	34 19	40 15 47	55 35	39 27 48	30 21 57	36 22 44	53 31 48	62 37 50	38 24 72	47 25 48	46 27 39	34 27 44	31 21 38	48 22	68 43 51	69 55 71	66 36	56 32 70	47 32 64	78 35 72	69 43	51 37 62	46.3 29.1 50.1
EVERETT 1 SW	MIN	36 18	32 28	19	20	34	33	30	30	31	34	25	27	35	32	24	24	33	38	30	28	27	26	38	24	35	35	38	36	34	38	38	29.9
FARRELL SHARON	MAX	36 19	38 24	50 28	37	46 39	32	35	46 36	39 31	37 30	39 24	60 39	53 35	38 25	50 23	33	68 48	31	31	40 33	38	27	54 26	74 40	68 56	40	67 36	66 39	80 40	71 55	68 39	51.4
FORO CITY 4 S OAM	MAX	31 20	36 25	33 13	50 17	41 31	45 37	37 30	40 29	43 29	39 32	40 22	42 26	61 31	63 27	17	47 20	62 27	70 35	42 26	46 31	3 8 2 6	36 26	35 19	53 26	71 33	73 40	70 33	60 36	69 33	78 39	58 45	50.0 28.4
FRANKLIN	MAX	32 6	35 21	47 12	42 26	43 33	40 24	38 26	41 27	39 29	39 27	34 14	54 31	47 30	35 20	45 15	53 24	66 35	29	41 24	43 30	37 16	34 24	52 21	70 29	70 39	66 38	61 33	64 34	76 31	66 45	66 35	49•0 26•7
FREELANO	MAX	24 15	45 21	46 24	40 36	38 33	36 29	42 25	40 25	41 29	35 18	38 24	40 26	41 31	39 29	40 22	42 25	51 31	51 22	46 18	37 23	39 18	37 22	43 20	53 21	63 34	71 52	67 42	63 30	63 24	56 30		45.6 26.6
GEORGE SCHOOL	MAX MIN	33 19	33 23	37 23	43 27	46 31	42 35	46 35	46 25	49 25	52 32	51 26	39 28	39 36	43 35	47 26	46 22	52 27	63 39	49 25	41 30	47 29	42 29	45 28	46 24	66 31	77 39	75 46	60 36	71 38	53 39	65 38	49.8 30.5
GETTYS8URG	MAX	33 25	35 28	39 30	51 29	43 35	42 32	43 32	45 30	49 27	54 34	50 29	35 28	42 33	50 37	47 27	48 28	51 37	75 40	54 30	37 31	50 30	42 31	45 27	55 29	73 41	78 43	73 43	60 44	74 43	69 43	62 41	51.7 33.5
GRATERFORO 1 E	MAX	32 20	32 25	35 23	48	47 29	40 33	45 28	46 27	48 26	52 25	50 26	39 26	41 35	43 34	46 25	46 25	50 28	66 38	49 26	40 29	43 28	41 30	45 27	50 26	67 28	78 40	74 44	60 42	70 39	60 38	61 41	49.8 30.1
GREENVILLE	MAX	34 6	36 21	48 21	43 30	47 33	40 29	3 8 2 9	45 30	45 30	35 30	35 15	53 35	46 33	36 22	48 18	50 28	58 41	45 29	43 25	40 29	36 26	32 23	53 19	70 33	69 50	65 46	62 32	65 33	78 35	73 53	68 35	49.5
HANOVER	MAX MIN	32 26	34 29	41 25	51 33	46 35	40	45 34	47 32	51 32	57 35	51 29	35 28	43	51 36	50 26	51 27	5 3 3 5	75 43	55 31	36 31	47 31	43 29	49 25	56 29	74 45	79 49	76 43	62 44	75 41	75 44	62 42	53.0 34.0
HARRISBURG WB AP	MAX	32 27	3 9 3 2	47 24	40	40 36	44	44	49 31	46 27	51	34 29	39 33	45	46 36	47 30	53 29	65 40	52 37	38 31	46 34	43 31	48 34	56 29	74 31	80	7 <b>7</b> 45	63 46	75 40	68 42	60 48	65 44	51.8 34.6
HAWLEY	MAX	32 - 1	24	36 - 4	45 . - 1	. 50 21	40 32	40	44	45 19	42	46 16	35 17	36 32	41 31	41	42 17	46	51 33	39 19	42 23	40	39 28	41 23	46 18	65 22	73 31	69 35	55 30	62 25	60 31	58 32	46.0
HOL TWOOO	MAX	33 27	38	50 24	41	40	45 34	45 32	49 28	48 29	49	35 28	41 34	44 35	45 32	48 27	49	67 38	56 35	37 31	46 33	41 31	45 35	53 30	70 31	75 38	69 41	61 41	70 40	63 40	62 46	62 44	50.9 33.2
HUNT I NGOON	MAX	35 21	33 21	39 13	51 25	41 27	40	41	41	46	48	45 25	35 25	43 32	63 35	45 21	48	52 29	74 40	48	37 31	43	34 31	34 24	54 25	74 26	77 34	73 35	62 33	78 32	72 34	62 39	50.6 28.8
INOIANA 3 SE	MAX	34	34	48 18	43	46	42	39	43	43	42	37	60	63	43	47 17	54 27	70 41	49	41 26	46 31	37 25	35 25	50 18	69 25	72 37	72 35	58 35	69 31	78 33	65 46	68 43	51.5
JAMESTOWN 2 NW	MAX	30	33	33	46	42	43	34	36 28	40	37	40	39	54	40	32	41 23	54 33	63	30 24	44	35 25	35 22	31 14	50	69	69 49	64 32	60 31	60 32	77 47	63 33	45.9
JOHNSTOWN	MAX	29	32	30 16	50	41	42 36	39 32	36 32	42	46	40 26	40	59	67 29	42	48	65	70	45	47	44	31	36	57	65	69	65	59 38	65	73 43	69	49.8
KANE 1 NNE	MAX	28	27	36	37	40	40	34 26	33	37	37	34	35 10	49	44	35	42	50 24	63	35 18	41	35	37	34 16	48	63	62	67	55 28	60	72 35	57 30	44.1
KEGG	MAX	45 27	36 27	53	53	44 31	39 30	40	45 25	48	49	36 25	49	64	42	42	50	72 31	48	37	44	37 26	36	50	70	74 37	72 38	58	71	75 34	70	68	52.2
LANCASTER 2 NE PUMP STA	MAX	33	38	51 21	47	40 34	45 33	46	51 29	51 25	52	47 21	44 26	49	49	55	50	69	69	50	45 31	43	49	56 27	73 25	80	75 36	67	75 34	72 37	65 38	65	54.9
LANOISVILLE 2 NW	MAX	32	32	37	46	40	38	41	42	46	47	48	36 26	42	46	44	45	50	65	56	36 31	44	41	45	52	70	77 38	71 42	60	72 37	64	57 39	49.1
LAWRENCEVILLE 2 S	MAX	27	37	44	45	38	39 32	38	45 22	37	42	33	44	45	38	39	47	58 35	46	43	40	34	37	49	68	68	69	57	58 31	65	63	60	46.9
LEBANON 4 WNW	MAX	32	31	38	46 26	43	39	42	42	46	44	42 25	35 25	39 34	40	46	46	49	60	51 25	36 26	40	43	47 26	53	71	76 47	72 41	61	72 39	64 41	57 45	48.5,
LEWISTOWN	MAX	37	30	39	51	44 28	42	41	43	47	47	47	35	41	56 31	48	48	54 27	74 39	49	38	43	43	46 27	54 26	73	78 33	77	63	74 36	72	61	51.5
LOCK HAVEN	MAX	32	27	48	51	40	40	36	41	44	44	42	35	40	44	46	46 24	53	63	48	43	42 28	41 29	45	54	71 33	75 34	73 39	59	69 31	69	59 38	49.0
MAOERA	MIN	29	29	38	28	31 40	34	32	36	40	26	38	35	50	55		40	47	66	36	40	38	36	37	47	65	70	70	55	65	62	55	45.7
MARCUS HOOK	MIN	35	40	50	49	26	32 48	49	25 54	54	56	38	18	49	50	50	54	66	34 56	23	49	44	48	49	62	75	73	63	74	63	28 71 44	64	53.6
MARION CENTER 2 SE	MAX	31	29	31 47	44	36 40	36	34	39	40	38 38	31	38 54	38 57	35 37	31 43	50	67	37 42	36	36 42	36	36	32 48 18	34 67 31	70 38	70 43	46 57 31	66 36	76 40	55 45	65	36 · 8 47 · 8 28 · 9
MARTINSBURG FAA AP	MAX	30	34	48	32 45	35	39	39	25	48	43	35	31 45	36 61	40	16 45	49	38 71	30 44	34	28 42	38	37	50 23	70	75 48	72 42	58 39	70 43	71 38	65 46	68 40	50.0
MEAOVILLE 1 S	MIN	30	32	34	40	43	33 43	34	37	39	37	28 34	39	53	29 43	25 34	43	37 51	62	31	30 42	34	34	32	36 51	70	68	65	60	62	77	65	45.8
MERCER 2 NNE	MIN	33	33	18	28	33 43	33	38	40	39	36	35	54	30 51	36	42	53	65	28 45	41	28	36	31	19 51	70	36 68	67	60	64	78	75 52	66	49.2
MERCERSBURG	MIN	40	35	38	48	40	41	30	28	30 47	46	47	34	33 43	54	16	49	37 51	73	52	35	50	42	15	18	74	43 78	74	60	74	69	62	51.2
MILLVILLE 2 SW	MIN	27	24	35	26	30	31 41	32	39	40	43	28	35	37	40	42	40	36	38 54	31	40	42	36	26	50	68	35 71	71	54	67	38 66	50	31.1 45.7
MONTGOMERY LOCK AND DAM	MIN	38	17	16	18	30 44	32 45	31	25 46	24	41	18 39	18	62	33	19	56	26 68	35 56	53	52	36	36	53	71	73	70	62	70	33 79	73	65	53.7
MONTROSE	MIN	21	25	30	31	36 47	32 43	36	31 35	32 40	37	40	34	36	28	18	35	44	35 50	34	32	27	34	33	40	60	65	67	51	36 54	50	55	32.3
MORGANTOWN	MIN	9	12	13	20	31	29	27	18	25 53	28	10	10	31	25 45	13 45	50	24 67	33 55	17	18	19	22 45	18	19 67	75	72	37 66	72	27 64	30 61	33 64	51.8
MT GRETNA 2 SE	MIN	38	28	20	30	33 43	32	33	28	30 50	33	25 39	31	36 45	33 46	25 46	50	38 63	35 52	27 36	31	29	32	28 57	32 70	78	76	42 61	72	40 64	42 59	40 63	32.8
NEW CASTLE 1 N	MIN		29	18	28	32		31	28	27 43		24 37				26 46	55	39 68	32 53	26 43	30 47	28	32	26 54	29 72	43 71	42 70	41 62			39 76		31.9
	MIN	8	22			33				30		19						42						18		43	45	32	33	32	50	38	29.1

DAIL	Y TEN	MPFR/	ATURES
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Station		1	2	3	4	5	6	7	8	9	10	11	12	13		Day C			18	19	20	21	22	23	24	25	28	27	28	29	30	31	Average
NEWELL	MAX MIN	34 28	36 25	43 19	52 27	47 35	48	37	4I 29	48	48	4I 27	60	65	65 30	43 21	53	68	72 39	48	53	39 26	35 26	42 22	64	72 38	74 35	67	68	75 35	83	62	54.3 31.9
NEWPORT	MAX	37	31 22	40	50 21	43	41 38	44	45 28	48	43	49	34 27	40	49	48	5 I 25			52 29	38 31	43	42 31	48 27	52 26	76 28	79 36	75 34	64	74 33	68 35	60	51.I 29.0
NEW STANTON	MAX MIN	40	35	54 18	57	64	55 27	42	48	46 26	48	49	64 35	65 31	44 26	50 17	58	73 43	45	50 34	53	37	35 25	60 26	70 28	76 40	71 37	61	73 32	75 30	72 35	68 35	56.1 28.7
NORRISTOWN	MAX	34	39	51 25	49	43	47 36	47 32	50 29	56 29	53 35	37 27	44	46 37	49 34	49	53 28	69 38	54 34	53	47 33	43	47 31	44	69	80 34	76 34	61	74 46	62 41	69 43	66 46	53.6 33.4
PALMERTON	MAX	26 I 2	36 20	44	43	40 35	42 34	43	46 26	44	47 33	35 25	39 35	39 35	43	43	49	50 37	46 32	40	43	39 30	42	50 27	67 24	76 32	72 37	5 7 3 6	69	5 7 3 4	57 39	65 38	48.0 29.5
PHIL DREXEL INST OF TEC	MAX	36 29	38 31	50 30	51 34	44 38	46 36	47 34	53 34	56 37	54 38	39 30	43 39	46 39	48 38	49 30	54 34	66 42	52 37	42 32	47 35	42	47 35	47 30	65 37	78 46	75 52	62 50	75 47	63 46	72 47	65 47	53.3 37.6
PHILACELPHIA WB AP	MAX	34	37 26	48	46 28	42 36	47 36	46	50 23	54 24	51 30	38 28	42 38	45 36	47 35	47 28	52 25	67 41	5 4 35	40	46 34	42 32	46 34	47 30	65 25	78 35	75 48	61 44	73 42	64 43	71 45	65 41	52.3 33.4
PHILAGELPHIA PT BREEZE	MAX	34	38 32	48	47 34	43 36	44 36	44	48 33	55 35	52 39	40 31	44	46 39	48 39	50 33	54 36	66 42	50 40	40 35	48 36	41 36	48 38	49 34	66	77 48	75 52	62 49	73 48	65 46	71 46		52 • 6 38 • 6
PHILIPSBURG FAA AP	MAX	25	29 21	44	42 26	38 32	34 2 <b>7</b>	34 26	36 26	41 21	36 20	30 13	50 30	53 33	35 22	39 14	43	64 36	38 25	30 20	35 24	34 22	38 21	45 18	65 27	68 38	6 <sup>4</sup> 32	53 33	63 34	64 32	54 48	58 36	44.6 26.7
PHOENIXVILLE 1 E	MAX MIN	34	38 27	49 19	48	42 34	46 34	46 34	50 25	54 24	52 30	48 26	43 27	46 31	48 33	50 21	60	68 37	68 43	50 27	44 32	43	46 32	51 30	69 22	78 34	76 43	67 44	73 40	68 38	66 41	64 38	54.4 31.1
PITTSBURGH W8 AP 2	MAX	36 25	31 22	44	40	45 37	42 31	39 29	45 29	39 32	40 26	41 24	62 41	62 31	39 27	45 19	53 31	67 42	42	46 28	46 28	33 25	33 21	50 20	67 34	71 48	64 39	59 35	69 39	77 40	61 44	62 43	50.0 31.3
PITTSBURGH W8 CITY	MAX M1N	41	36 27	51 30	46 36	49 41	48 34	42	47 35	43 38	42 31	45 27	66 45	66 35	42 31	47 27	5 6 3 2	71 44	45 33	50 31	50 32	37 28	37 28	54 27	71 42	75 57	67 42	62 38	73 49	78 43	68 50	66 48	53.9 36.2
PLEASANT MOUNT 1 W	MAX M1N	26	24	30 18	29 19	48 28	40 29	36 26	38 14	40	38	40 6	30 10	33 30	40 26	32 11	35 11	44	48 32	33 15	40 21	40 22	33	34 18	41	55 29	64 31	63 33	49 32	52 22	56 28	51 33	40.7 21.3
PORT CLINTON	MAX M1N	35 10	31 18	36 I 1	48	42 28	40 29	44 31	45 24	48	45	49	37 23	40 31	43 32	47 19	49 18	50 34	54 33	50 21	3 <b>9</b> 2 2	43	41	46 24	54 20	70 24	78 35	71 39	59 30	71 31	63 38	60 34	49.3
PUTNEYVILLE 2 SE OAM	MAX M1N	30 19	33	34 12	47 17	40 32	43 35	37 28	39 28	40 32	37	38 19	39 23	55	59 25	42 16	44	56 33	68 33	5 4 2 4	41 28	38 24	37 24	36 19	51 26	69 35	71 40	70 32	60 33	68 34	77 46	57 42	48.7 27.9
OUAKERTOWN 1 E	MAX MIN	36 20	35 24	44	44	40 26	42 33	44	46 27	49	48 32	45 24	39 28	42 34	46 33	45 25	50	64 36	64	48	42 32	41	44 31	50 27	68 22	77 31	75 39	69 43	70 37	70 37	60 39	65 41	51.7 30.2
READING WB CITY	MAX MIN	32	38 31	49 28	47 32	43 36	44 35	45 35	49 34	51 31	49 35	36 28	43 35	44 38	48 36	46 30	52 31	61 39	52 37	41 31	45 34	42 31	47 34	52 30	71 32	78 45	74 49	61 46	72 49	65 45	60 43	66 49	51.7 35.9
RENOVO	MAX	32	28 13	4 I 9	47 12	38 26	41 32	40	43 23	46 22	37 22	45 15	36 16	42 30	53 31	48 15	49 15	52 21	67 35	48	44 21	43	40 24	47 20	56 23	73 24	75 30	75 33	57 30	70 28	71 29	59 34	49 · 8 23 · 0
RIDGWAY	MAX MIN	30 5	32 19	37 9	44 I 5	42 30	45 35	36 28	36 22	45 29	44	37 10	37 18	53	53 27	39 11	45 12	50 25	64	38	40 25	44	3 8 2 5	36 20	49	62 28	69 33	71 33	58 31	63 29	75 38	56 35	47.4 24.5
SALINA 3 W	MAX	36	37 25	48 15	47 28	47 36	42 34	37 28	43 28	43	40	37 23	62 37	63	46 27	46 16	56 24	70 30	58 29	42 28	48 31	34 25	33 23	50 18	70 29	72 37	68 30	59 29	69 39	76 30	70 48	64 39	52.0 29.1
SCRANTON	MAX	31 12	28 13	32 11	41 12	47 32	42 32	41 32	42 26	46 28	42	48 20	39 21	45	51 31	40 21	42	50 28	63 38	43	46	44	38 27	41 24	50 24	68 30	74 37	73 41	55 41	63 33	66 34	53 40	47.9 27.3
SCRANTON W8 AIRPORT	MAX	25 14	30 21	39 17	43 31	41 35	39 33	37 22	40 24	39 30	41	33 21	44	46 35	40	41 22	49	62 37	45 30	44	42 30	36 26	39 28	50 25	67 27	72 39	71 46	52 41	62 39	64 34	56 39	60 42	46.7 29.7
SHIPPENSBURG	MAX	28 24	38 24	50 23	50 27	38 33	40 31	41	49	47 30	46 32	45 26	40 27	48	49 34	50 24	50 25	72 35	58 41	49	48 32	43	45 30	55 25	73 30	77 40	75 40	61 41	74 45	72 39	67 38	67 39	53.1 31.8
SLIPPERY ROCK	MAX	34 16	3 3 2 3	49 21	43 31	44 38	40 29	38 30	42 30	40 33	36 27	35 19	54 35	56 39	39 23	45 19	54 32	65 41	46	41 24	43 29	35 25	30 23	52 20	69 39	68 54	64 44	60 33	67 41	77 41	70 51	64 36	49.5 31.5
STATE COLLEGE	MAX MIN	30 20		34 22	47	41 32	3.8 3.2	35 29	39 30	40	43 32	39 21	34 21	42 32	55 31	41	46	48 29	69 37	42 25	35 26	37 24	37 26	41	50 26	68 37	73 41	69 36	58 36	67 36	67 39	59 43	46.8
STOYSTOWN	MAX	34 25	35 25	32 17	48	45 32	42 31	35 27	36 24	4 I 2 9	48 29	42 22	36 24	58 34	59 26	38 19	45 19	53 32	68 34	39	38 30	38	33	31 17	47 21	66	71 43	68 32	55 23	66 35	73 40	65 39	47.9 27.7
STROUOS8URG	MAX		37 22		44 25		41 31		40 19		47 26	33 20	38 30				47 19		45 28		44	40 27	39 27	5 O 2 3			73 31				57 38	66 36	48.0 25.5
SUNBURY	MAX M1N				52 16		42 34	42	42 27	46 23	43 25	50 22	34 23	40 31	45 34	50 21	48	5 2 2 8	64 36	52	42 24	42 28	43	47 26	56 26	<b>73</b> 33	77 37	75 39	60 35	71 33	69 34	55 35	50 · 3 27 · 3
TIONESTA 2 SE DAM	MAX		29 10		43		41 33	36 29	35 24	40 30	34 30		37 14	52 30	46 22	32 13	44	51 25	63	33	41 26	35 25	37 24	34 20	50 29	68	67 33			63 27		60 36	45.6 24.2
TITUSVILLE WATER WORKS	MAX M1N				40 21		35 25	31	36 20		32 18		50 26			40	49	58 34	38 23	39	37 23	34 19	27	45 16	64	63 30	63 32	56 29	58 27	73 24	66 46	63 29	43.9
TOBYHANNA	MAX M1N		29 17				35 28	37 25	40 15	41	40 27		40			37 15	40 16	53 31	49	39 16	39 26	35 22	33		60 18		66 39	60 35		55 31		58 36	44.3
TOWANOA 1 ESE	MAX		34 21	43	45		40 31	40	42 19	40 23	43	34 13	44	47 31	42 30	40 19	50	57 36	50 32	42	43 29	36 22	40	50 24	68	71 29	73 33	57 39	60 37	66 25	61 44	60 34	47.8 26.5
TOWER CITY 1 S	MAX M1N		29	35 13			42 32	39 33	41 26	44	45 25	44	36 25		39 34	43 25		47 33	60 37	46		3.8 2.6	38 28	43 25	51 24		76 41	71 40		68 40			47.1 29.5
UNIONTOWN	MAX						48	41 33	47 33		46 37	41 27		67	51 31	51 20	57 30	73 48	60 40	50 34		36 27		53 22	73 33	75 47	70 43	60 38		79 36			56.2 34.8
WARREN	MAX	29	35	36	43	42		37	39	38 29	35	32 1 I	51	45	35 22	40			42 27		40 27		35 22		68 27	68 39	70 37	59 33	60 32	76 29		66 33	47.5 27.0
WAYNESBURG 1 E	MAX M1N	37	40	37	55	47	50 37	40	44	46		45	54	65	66	45	50			50 29		40	34 26		53 25	71 32	75 35	68 36		73 30		68 41	53.9 28.1
WELLSBORO 3 S	MAX	30	26	35	41		34 29	34		38 26	34 26		33 13	40		36 15	40	41 29	56 30	37			33 22	35 17	42	61 35	63 45			5 8 2 9			
WEST CHESTER	MAX	33		42	51		41	47	49	53	56	55	41	43		50	51	53	66	53		45	43 28	50	67								53.6 30.7
WILLIAMSPORT WB AP	MAX	26	20	6.1	40	61	30	61	4.3	20	43	32	41	41	45	45	4.8	55	4.8	39	43	40	43	54	71	75	72 37	56 37	68	65	56 45	62 40	
		10		1	- 3			-			1		-	1									1										0

C																Day	Of M	onth															• B.
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
YORK 3 SSW PUMP STA	MAX MIN	32 24	40 31	50 20	50 27	40 35	45 34	45 34	49 28	55 27	52 33	46 25	42 29	50 34	50 34	48 26	52 26	73 40	62 42	52 30	46 33	44 30	48 32	55 27	70 28	76 36	74 41	61 43	74 38	72 36	64 44	66 36	54.3 32.4

### DAILY SOIL TEMPERATURES

		T		-																_		_							_				
STATION AND DEPTH			,	,												Day	of mo	onth															0.00
	,	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	· 25	26	27	28	29	30	31	Ave
ERIE CO FIELD RSCH LA8																																	
8 INCHES	MAX	31 29	30 30	30 30	32 30	32 32	33 32	33 33	33 33	33 33	34 33	34 33	33 32	33 33	34 33	34 33	34 33	33 32	34 33	34 33	34 33	34 34	34 34	34 33	33 33	33	35 33	36 34	38 35	42 35	45 42	45 42	34.4
LANOISVILLE 2 NW				I																									İ				
2 INCHES	8AM	25	27	29	29	30	32	30	30	29	30	29	30	29	30	30	30	30	31	30	30	30	30	31	30	33	38	40	37	40	43	41	31.7
STATE COLLEGE 2								ĺ																									
2 INCHES	MAX	28 27	29 29	31 28	32 31	33 32	33 32	33 32	33 32	33 32	33 33	33 33	33 33	34 33	35 32	34 33	35 32	43 33	37 33	33 33	35 33	36 33	36 33	37 33	47 33	49 36	48 36	45 38	52 38	52 37	47	52 41	37.8
4 INCHES	MAX	28 27	29 28	30 28	32 31	32 32	33 32	32 32	33 32	33 32	33 33	33 33	33 33	33 33	33 32	33 33	33 32	38 32	35 33	34	34 33	34 33	35 33	35 33	42 33	43 35	44 36	42 38	47 38	48 38	45 43	49 41	36.1 33.4
8 INCHES	MAX	29 28	29 29	30 29	32 31	32 32	33 32	32 32	33 32	33 32	33 33	34 33	34 33	34 33	34 33	34 33	33 33	34 33	37 33	39 35	40 35-	40 38	44 38	44 99	44 42	46 42	35.2 33.6						
12 INCHES	MAX	30 29	30 30	30 30	31 30	32 31	32 32	33 32	33 32	33 32	33 33	33 33	33 33	33 33	33 33	33 33	33 33	33 33	33 33	34 33	33 33	33 33	34 33	34 33	34 33	35 33	36 33	37 36	41 37	41 39	41 41	43 41	34.1
16 INCHES	MAX	30 30	31 30	31 30	32 31	33 32	33 32	33 32	34 32	33 32	33 33	34 33	35 33	34 33	36 34	40 37	39 38	40 40	41 40	34.3													

ERIE CO FIELD RSCH LAB - SLOPE OF GROUND, FLAT. SOIL TYPE, LAKE TERRACE CLASSIFIED AS CONDITION GRAVELY LOAM. GROUND COVER, RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION, TAYLOR RECORDING THERMOMETER.

LANDISVILLE 2 NW - SLOPE OF GROUND, GENTLE SLOPE TO THE WEST. SOIL TYPE, DUFFIELD CLAY LOAM, GROUND COVER, PERMANENT BLUE GRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2 - SLOPE OF GROUNO, GENTLE SLOPE TO THE SOUTHEAST, SOIL TYPE, HAGERSTOWN SILT LOAM. GROUND COVER, KENTUCKY BLUE GRASS
KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION, COPPER-CONSTANT

											-					Da	y of E	nonth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALLENTOWN WB AIRPORT	SNOWFALL SN ON GND WIR EQUIV	4.3	T 6	6	5	2	T 1	T	T	Т	T	T	T	ī	Т	т	Т	Т		. 2	T	T										
AUSTINBURG 2 W	SNOWFALL SN ON GND	T 5	5.0		T 6	4	3	3	T 3	T 3	1.0	T 3	1.0	2	1	1	T	Т	_	T	Ţ	T	Т	_	_							
8RADFORD FAA AIRPORT	SNOWFALL SN ON GND	5.5	T 30	.3	27	23	2.5	21		22	T 20	T 20	19	. 1	T 13	13	12	T	T 9	6	1.8		T 7	T 6	6	5	4	T 3	1			
BRADFORD 4 W RES	SNOWFALL SN ON GND	2.5		}	23	20	1.0	2.0						20	T 20	19	17	12	10	9	1.0		10	10	8	6	3		1			
CANTON 1 NW	SNOWFALL SN ON GNO	8	4.9		10	9	5	4	4	4	5.0		1.0		4	3	3	2.8	2	Т	Т	1.2	T	T	T	T						
CARLISLE	SNOWFALL SN ON GNO	3.5	3	1								3.0										T										
CARROLLTOWN 2 SSE	SNOWFALL SN ON GND	2.0	5.0	18	14	10	T 9	2.0	3.0	T 12	2.0	1.0	2.0	10	T 7	6	4	2	т	Т	T	2.0	T 2	T 2	Т	Т	Т	I.0 1				
CORRY	SNOWFALL SN ON GNO	4.0	1.5	2.0	2	8	3.0	2.0	2.0	17	1.0	18	15	14	13	12	10	4	3	2	1.5	4.0	T 1	т				1.3				
DU 80IS FAA AP	SNOWFALL SN ON GND	5.0	T 26	T 25	23	18	1.0	T 12	.1	6.8	20	1.0	17	T 12	T 8	5	3	1	T	Т	1.3 T	.2	T	T	Т	Т	Т	T	т	Т		
DU BOIS 7 E	SNOWFALL SN ON GNO	2.5	1.5	15	14	12	1.5	2.0	10	3.0	2.0	1.0	1.0	11	11	10	8	4	3	3	T 2	1.5	2	1								
ENGLISH CENTER	SNOWFALL SN ON GND	- 8	13	12	- 8	7	- 5	- 5	5	5	7	6	7	- 6	- 5	- 4	-	=	_ T	_ T	- 2	1	_ T	_ T	_ T	- T	- T	_ T	_ T	_ T	_ T	- T
ERIE W8 AIRPORT	SNOWFALL SN ON GND	4.8	.2	.3	4	1.0	T 1	1.2 T	. 4	. 2 T	T	Т	. 2 T	T	т	Т	т	T	Т	Т	. 4 T	.8	T	Т			Т	1.4				
EVERETT 1 SW	SNOWFALL SN ON GNO	_ 4	5.0	.5	.4					L			4.5		_	_		_		_	2.0											
FORD CITY 4 S DAM		2.0	2.0	T 4	1	1	Т	1.0	T	T	T	Т	T	т	T	T	-	_	_	_	_	1.0	Ţ	T	_	-	-	-		_	-	-
GALETON	SNOWFALL	T 19	4.0	18	18	18	17	1.0		15	3.0		1.0		12	10	8	6	6	6	.5	.5	2	2	2	1	,					
GEORGE SCHOOL	SNOWFALL SN ON GND	1	.3	Т			-	10		1		1.	.2	1.0		10					4	2	_	2	2	1	1					
GREENSBORO LOCK 7	SNOWFALL SN ON GNO	T 2	1	T	Т																	T	T T	T								
HANOVER	SNOWFALL SN ON GNO		.5 T	T	т								1.0									'	,									
HARRISBURG WB AIRPORT		2.9	3	2	1	1	т	T	Ţ	Т		2.8	2	Т.						Т	.3	. 1 T										
HOLTWOOD	SNOWFALL	Т	. 8 T	. 8 T	Т							-	.5									Т										
INDIANA 3 SE		2.0	1.5	Ţ				Ţ	. 5	T	T	T	Т									. 8	. 2	Т								
KANE 1 NNE	SNOWFALL	.5	4.2	5	3 T	1	20	3.0	.5	.5			1.0		T							1	T	Т	Т			. 5				
LANCASTER 2 NE PUMP STA	SNOWFALL	.5	28 T	27	26	24	20	23	23	23	25	25	23	21	20	20	20	17	13	13	12 T	14 T	13	10	9	7	3	1				
LAWRENCEVILLE 2 S	SN ON GND	3.0	1.0	5		3	3	T	3	.5		.5									Ţ	т								1		
LEWISTOWN	SNOWFALL SN ON GND	6 T	4.0	3	1	,	3	3	3	3	3	3	3.0	2	2	1	Т				T	1.0										
MARTINSBURG FAA AP		6.4	8	8	7	3	Ť 1	1	T 1	1	T	3.0	3	1	T 1	Т				Т	. 4	Ţ	Ţ									
MATAMORAS	SNOWFALL SN ON GND		6.5	10	9	8	5	4	3	2	2	.5	2	1	1						1.0	1	T									
MEADVILLE 1 S	SNOWFALL SN ON GND	.7	5.6		. 5	10	.3	1.0	1.3	.6	.5	1.1	.5	6	T 6	6	5	4	T 3	T 2	T 1	4.5	. 4	. 1	1	1	1	.7				
MEDIX RUN	SNOWFALL	. 2	3.8	11	8	7	5	1.2	.1	.1	2.3		.2	5	T 4	2	1	Т	т	T	Т	.8	T T	1	•	1	1	Т	Т			
MONTROSE	SNOWFALL SN ON GND	. 4	8.5		т	20		.3	.3	. 4	4.5	1.5	1.0	17	T 16	T 14	14		10	7 9	.5	1.5	. 2	. 1	7	6	1	т	Т	т	T	т
NEWPORT	SNOWFALL SN ON GND	- 4	- 8	-	<del>-</del>	- 4	_ 2	- 2	-	_ T	-	-	3	2	-	-		-	-	-	-	-	-	-	-	-	-	-		-	-	_
PHILADELPHIA WB AIRPORT	SNOWFALL SN ON GND	.2 T										Т										т										
PHILIPSBURG FAA AP		4.5	T 16	16	11	7	2.0	T 6	.2	3.0	T 6	2.9	7	T 3	T 2	2	1				1.4	. 2	T 1					Т				
PITTSBURGH WB AP 2	SNOWFALL SN ON GND	. 8	T 4	T 3	Т		. 1	.1 T	T T	1.0 T	T	1.0								Т	.5	1.0	T					Т				
PLEASANT MOUNT 1 W	SNOWFALL SN ON GND		34	34	T 32	28	26	.5 27	T 27	T 27	.5 27	27	. 6 27	27	T 24	24	24	23	22	22	1.0		T 23	22	21	19	15	8	6	4	Т	
READING W8 CITY	SNOWFALL SN ON GND	. 6	4	3	2	1	T T	T	т			.6	т									Т										
SCRANTON W8 AIRPORT	SNOWFALL SN ON GND WTR EQUIV		T 11	10	9	7	T 6	.4	. 1	T 4	T 3	.1	1	1	T 1	Т	Т	т	т	. 5	. 7	T	Т									
	WIN EGOTY	. 8	1.5	1.3	1.2	1.3	1.4	1.2	1.0	.9	.7																					
								C				tes fol		0.																		

## SNOWFALL AND SNOW ON GROUND

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	28	26	27	28	29	30	31
SHIPPENSBURG	SNOWFALL SN ON GND		T 7	6	5	4	3	T 2	. 2	т	Ť	2.5	1.5	T	Т	Т	Т	т	Т	T		Т										
SLIPPERY ROCK	SNOWFALL SN ON GND		2.0	4	3	2	1	1.0	1	1.0 T	T 1	1	Т									2.0	т	T				.5 1				
TIONESTA 2 SE DAM	SNOWFALL SN ON GND		5.0	T 20	16	16	12	4.0	1.0	.5 12	1.5	.5 11	T 11	11	T 11	10	9	6	Т	T	T	4.5	T 2	1	т	Т	T	T	T	Т	т	
TOWANDA 1 ESE	SNOWFALL SN ON GND		7.0 11	T 9	8	6	5	T 4	1.0	T 4	7.5	T 5	1.0	T 4	3	T 3	2				Т	.5 T	Т	Т								
TOWER CITY 2 E	SNOWFALL SN ON GND	4	3.7 8	7	6	5	4	3	2	1	Т		1.0									T										
WAYNESBURG 1 E	SNOWFALL SN ON GND	2	T 1	1				T	T	Т												1	1	3								
WILLIAMSPORT W8 AIRPORT	SNOWFALL SN ON GND WTR EQUIV	7.0	.2 10 1.5	T 8 1.5	7	6	T 3	T 2	T 2 . 6	T 2	T 1	1.6	2	1	Т	Т	Т	Т		. 4	T	Т	Т									

## SUPPLEMENTAL DATA

	Wind	direction		Wind m. p	speed p. h.		Relati	ve humi perc	dity ave	rages -		Numb	er of da	ys with	precipi	tation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1,00 A.M. EST	7:00 A.M. EST	1:00 P.M. EST	7,00 P.M. EST	Ттасе	6010.	1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to s
ALLENTOWN W8 AIRPORT	WNW	10	11.0	48++	W	6	78	81	59	66	6	4	7	3	0	0	20	-	6.8
ERIE W8 AIRPORT	WSW	17	14.2	40++	SE	6	78	80	66	73	11	6	9	1	0	0	27	-	7.9
HARRISBURG W8 AIRPORT	N	22	9.4	33	W	6	69	75	57	59	7	3	6	4	0	0	20	45	7.1
PHILADELPHIA W8 AIRPORT	WSW	12	10.1	42	NW	6	76	77	56	65	5	1	10	0	1	0	17	49	6.8
PITTSBURGH W8 AIRPORT	WSW	12	9.9	35++	WSW	6	78	81	66	70	8	5	7	3	1	0	24	38	8.0
READING W8 CITY	_	_	11.7	57	Е	6	-	-	_	-	3	6	6	3	0	0	18	42	6.6
SCRANTON W8 AIRPORT	WSW	12	8.7	32	SW	6	73	74	63	64	6	12	4	1	0	0	23	38	7.8
WILLIAMSPORT W8 AIRPORT	W	14	9.4	38++	wsw	6	77	79	58	62	5	9	6	3	0	0	23	-	7.5

STATION	INDEX NO.	COUNTY	DRAINAGE 1	LONGITUDE		SERVA TABLE	ND	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LONGITUDE		TABL		OBSERVER
ACMETONIA LOCA 3 ALLENTONIA HOLLS ALLENTONIA HA AP ALLENTONIA GAS CO ALTOONA HORSESHOE CUI APOLLO 3 M ARENOTSVILLE AUSTINUNG 2 M BANERS TOMN 3 MYM BANERS BANERS	0099 0106 0111 0204 0229 0313 0355	WESTMORELAND	1 40 32 1 41 12 9 40 39 9 40 36 6 40 30 7 40 35 15 39 55 15 42 DD 1 40 39 1 41 40	T9 49 T8 55 T5 26 T5 28 T8 29 T9 36 T7 18 TT 32 T9 59 79 02	748 1600 374 H10 254 7 1500 66 1060 710 86 1990 T4 1230 36 1310	TA HID TA OP	СН	CORPS OF ENGINEERS CHARLES H. ALLEN U.S. MEATHER BUREAU LEHION VALLEY GAS DIV. ALTOONA WATER BUR. EUGEN R. YOUNG PA. STATE COL. KP.STA. OITO D. BACON PGH. CUT FLOWER CO. CORPS OF POSIMEERS	RESOEVILLE 3 W LAKE MINISINK LAKEVILLE 1 MNE LANCASTER 2 NE PUMP ST LANCASTER 2 NE FILT PL LANDISVILLE 2 NM LANDELTON STATE VILLAG LANBENCEVILLE 2 LEGANON 4 NM LEGANON 3 SW	4T27 4T33 A4T58 4763 47T8 E4853 48T3 48T3	WAYNE LANCASTER LANCASTER	9 40 54 5 41 27 15 40 03 15 40 07 15 40 07 15 40 07 15 40 94 15 41 59 15 40 19	T9 34 T9 D3 T9 I6 T6 I7 T6 IT 76 26 77 13 TT OT T6 29 T6 28	T20 I360 I440 255 68 2T0 360 88 880 I000 68 590 T8	7A 7A 8A 6P 8A	BAC G	CITY OF BETMLEHLM  MRS. IRENE FOREMAN  MRS. GLADYS MEIMERE LANCASTER MATER BUR. LANCASTER ATTER BUR. PA. STATE COLLEGE  PA. OEPT. OF MELFARE HARRY PHOMIAND LEON MILLER HOMAS DOMNACHIE
BEAR CREEK DAM BEARER FALLS BEAVER FALLS BEAVERTOWN BECHTELSVILLE RELIEFONTE & S BERNE BERNICK RETHLEHEM BETHLEHEM LEHIGH UNIX	0455 0457 0475 0486 0530 0530 0599 0611	LUZERNE NORTHUMBLAND BEAVER SNYOER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON	9 41 07 15 40 50 2 40 46 15 40 45 14 40 22 16 40 51 14 40 31 15 41 04 9 40 37 9 40 36	T9 44 76 30 80 19 T7 1D T5 38 T7 47 T6 0D T6 19 T5 23 T9 22	1505 88 900 760 64D 400 1110 88 325 5TD 68 240 411 MIG	7A 7A 8A 7A 6P 8A	AC J	CORPS OF ENGINEERS ROARING CREEK WATER CO., HOWARD R. KEMP HARLIN R. ETTINGER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYD W. TRUMP AMER. CAR + FNORY. CO. CITY OF BETHLEHEM LEMIGH UNIVERSITY	LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK MAYEN LOCK MAYEN 2 LONG POND 2 W LYNCM MADERA MAHAFFEY	49T2 4984 4992 5104 5109 5160 5275 5336	CARBON BRADFORO MC KEAN MIFFLIN CLINTON CLINTON MONROE FOREST CLEARFIELD CLEARFIELD	9 40 5D 15 4I 4I 1 4I 90 6 40 39 16 4I D8 16 4I 08 9 4I 03 1 4I 36 16 40 90 16 40 93	75 43 T6 43 T8 39 TT 39 TT 27 77 27 T5 30 T9 D3 78 26 78 44	980 1040 1740 480 74 680 74 630 1860 1295 1460 74	7A TA 7A	0 00 0	GOOWIN S. DEFRENN LEAMON M. BAUMAN RUSSELL LINEMAN AMERICAN VISCOSE CO. JOHN P. FREY MUGH F. PARKER THOMAS MECKES CORPS OF ENGINEERS NRS. JULIA J. SHOFF HISS ELLEN J. MILES
BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS BLOSERVILLE IN BOSWELL 1 SW BRADOOK LOCK 2 BRADOORD F-AA AIPPORT BRADFORD CHTRL FIRE 5 BRADFORD AW RES SPEEZEWOOD	0743 0763 0861 0861 0865 STA0867	INDIANA MONROE CUMBERLAND SOMERSET ALLEGMENY MC KEAN	15 40 20 4 40 27 9 41 06 15 40 16 1: 40 09 10 40 24 1 41 48 1 41 57 1 41 57 6 40 00	TT 31 79 09 T5 36 77 22 T9 02 T9 52 78 38 T8 39 78 44 78 14	750 2048 88 1650 650 88 1810 725 2121 M10 1680 56 1352	TA TA TA HID BA	С С Н	PA. DEPT. FRST. + WTRS. U.S. MEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLOERS MRS. EMMS ANAULIS CORPS OF ENGINEERS FED. AVIATION AGENCY BRAGFORD FIRE DEPT. BRADFORD WATER DEPT. PA. TURNPIKE COMM.	MAPLE GLEN HAPLETON DEPOT HARCUS HOOK HARIENVILLE 1 SW HARION CENTER 2 SE HARTINSBURG FAA AP HATAMORAS MC CONNELLSBURG MC KEESPORT HEADOW RUN PONDS	5381 5390 5400 5408 5454 5470 5526 5573	ONTGOMERY UNTINGON ELAWARE OREST INDIANA HLAIR PIKE FULTON ALLEGHENY LUZERNE	9 40 11 6 4D 24 5 39 49 1 41 27 1 40 45 6 40 18 5 41 22 12 39 96 10 40 21 15 41 13	T5 11 7T 96 75 25 79 09 T9 02 T8 19 T4 42 T8 0D 79 52 75 40	380 580 12 H10 1T00 1610 66 1463 439 895 T20 1995	7.0	н н	FRANCES E. SCHEIBNER MRS. I. S. BUCHANAN SUN OIL CO- ROY A. MARKER CORPS OF ENGINEERS FED. AVIATION AGENCY HARRY BISLAND DAVID W SHIVES JR U. S CORPORATION GEORGE PEARAGE
BRUCETON 1 S BUCKSTOWN 1 SE BUFFALO MILLS BURGETISTOWN 2 W BURNT CABIND 2 ME BUTLER BUTLER BUTLER SUBSTATION CAMP KLINE CANTON 1 NW CARLISLE	1073 1087 1105 1115 1130 1135 1203 1215	ALLEGHENY SOMERSET BEDFORD WASHINGTON HUNTINGDON BUTLER BUTLER LYCOMING BRAOFORD CUMBERLAND	10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 52 2 40 51 16 41 16 15 41 40 15 40 13	79 59 78 50 78 39 80 26 77 52 79 54 79 53 71 20 76 52 77 12	1065 2460 1318 980 78 990 56 1100 88 1140 590 1520 78 465 66	7A	C H H	AUSTIN R. COOPER ALVIN W. MANGES CLIFFORD C. ADAM SMITH TWP. MUN. AUTH- PA. TURNPIKE COMM. WALLACE A LOZA WEST PENN POWER CO. LESLIE D. COULING MRS.HILDREG SPENCER CARROLL G. MILLER	MEADVILLE I S MEDIX RUN MERCER 2 NNE MERCER 2 NNE MERCER SURG MERWINSBURG MERWINSBURG MEYERSOLLE I N MILAN 2 N MILAN 2 N MILAN 2 M MILAN 2 M MILAN 2 M MILAN 2 M MILAN 2 M MILAN 2 M MILAN 2 M MILAN 2 M MILAN 2 M MILAN 2 M	5627 5651 5654 5662 5676 5686 5731 5738	MERCER MERCER FPANKLIN MONROE SOMERSET BRAOFORO	1 41 38 16 41 17 2 41 15 2 41 14 12 39 49 9 40 58 17 39 45 15 41 40 15 40 32	80 10 78 24 80 13 80 15 77 54 75 28 79 02 76 31 75 D4 76 96	1065 8/ 1100 1160 78 1250 615 8/ 985 1960 770 760 560	7A 7A	C C C C	CITY OF MEADVILLE MMS.E. M. SNYOER MMS. FRAN. STRUTHERS PA. DEPT. MIGHWAYS ROLLIN P. GILBERT ARTHUP A. SMITH E T C SNYOER CHARLES E. STROUD CHARLES W. DAVIS RUSSELL SHEPLEY
CARROLLTOWN 2 SSE CARTER CAMP 2 W CEDAR NUM CHAODS FORD CHAMBERSBURG 1 ESE CHARLEROI CHARLEROI LOCK 4 CLARENCE CLARENCE CLARENCE CLARION 3 SW CLAUSSVILLE	1262 1301 1342 1354 1372 1377 1480 1485	CAMBRIA POTTER LYCOMING DELAWARE FRANKLIN WASHINGTON WESTHORELAND CENTRE CLARION LEHIGH	16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 08 10 40 D9 16 41 03 1 41 12 9 40 37	78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26 T5 39	2040 2030 800 170 640 98 1040 749 1410 1114 88	7.A 7.A	CCCC	ROBERT F. MAURER RICHARD L. MENKEN KATHRYN T. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS HISS VELDA SWANCER PA. ELECTRIC CO. WILLIAM J. OOTTERER	MILLMEIM MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND OA MONTROSE MORGANTOWN MIT GRETNA 2 SE MOUNT UNION 1 N HURRYSVILLE MYERSTOWN	5817 5825 M5902 9915 5956 6028 6067 6111	CENTRE COLUMBIA MIFFLIN BEAVER SUSQUEMANNA BERKS LANCASTER MIFFLIN WESTMORELAND LEBANON	15 40 53 15 41 06 6 40 43 11 40 39 15 41 50 15 40 09 15 40 14 6 40 24 10 40 26 14 40 22	77 29 76 34 77 35 80 23 75 52 75 54 76 26 77 53 79 42 76 18	1079 86d 77 170 692 56 1560 77 595 MIC 670 MIC 820 900 480	7A 7A MIO	U U UU	NEVIN E. BOWERSOX KENNETH LEIGMOW THOMAS C. HARBESON CORPS OF ENGINEERS RALDH TAYLOR PA. TURNPIKE COMM. PA. TURNPIKE COMM. HT. UNION WATER WORKS OAVIO C. SHAW MRS.KATHLEEN WANDELL
CLAYSVILLE 3 W CLEARFIELD CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW CONFLUENCE 1 NW CONFAUTULLE CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE 2 E	1519 1529 1534 1589 1705 1710 1720	WASHINGTON CLEARFIELD MC KEAN MC KEAN CHESTER SOMERSET FAYETTE CRAWFORD FAYETTE FAYETTE FAYETTE	11 4D 07 16 4I 01 1 4I 4I 1 4I 44 5 39 58 17 39 48 17 39 50 8 4I 45 17 4D 01 17 40 01	80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 79 36 79 33	1000 75 1100 2104 1620 51 342 83 1490 83 1331 1000 93 870 1300	7A 7A 8A 8A 8A	C	HEGRS. L. + H. CO. IRA TAYLOR HRS. TILLIE M. SIMONDS HRS. TILLIE M. SIMONDS HRS. TILLIE M. SIMONDS HRS. TILLIE M. SIMONDS HRS. TILLIE M. SIMONDS JOHN L. REID S. CARLYLE SMELDON HARSHALL B. MENEFEE HARRY C. JOY	NATRONA LOCK 4 NEFFS MILLS 3 NE NEFSHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWORT NEW STANTON NEW TRIPOLI NORRISTOWN	6174 6194 6233 6246 6289 6297 6310	ALLEGHENY HUNTINGDON BUCKS LAWRENCE FAYETTE YORK PERRY WESTMORELAND LEHIGH MONTGOMERY	1 40 37 6 40 40 5 40 09 2 41 01 10 40 05 15 39 44 6 40 29 10 40 13 14 40 41 14 40 07	79 43 77 55 74 57 80 22 79 54 76 30 77 08 79 36 75 45 75 21	800 900 60 825 56 805 128 780 400 7, 980 MIG 570 75 MIG	6P 7A	С Н	CORPS OF ENGINEERS PA, STATE UNIVERSITY PMILA. SUB. WATER. CO. LEWIS W. HAMILTON GENERAL CHEMICAL CO. CLINTON J. ALLEN MRS. FRANCES K. FRY PA. TURNPIKE COMM. FRED C. OSWALD BOROUGH OF MORRISTOWN
CONSMOHOCKEN COOKSBURG CDRAOPOLIS NEVILLE 1S CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE DANVILLE	1749 1773 1790 1806 1809 1833 1881 1895	MONTGOMERY CLARION ALLEGHENY ERIE POTTER TIOGA INDIANA KAMBRIA MONTOUR	5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 46 15 41 44 1 40 41 6 40 27 15 40 58	75 19 79 13 80 D5 79 39 78 03 77 53 77 D7 79 12 78 34 76 37	70 1180 720 1440 61 2020 71 2425 1745 1035 2540 460		н	PHILA. ELECTRIC CO. PA. DEPT: FRST WIRS. PGH. COKE + CHEM. CO. RICHARO T. MOUNTAIN MISS ELIZABETH NEFF MRS. HENRIETTA D DEITER CALVIN R. PACKARD CORPS OF ENGINEERS FRED A. PLEMPEL MRS. MARIE H. LITTLE	NORTH EAST 2 SE NORTH PHILADELPHIA APT ORNELL 2 NW PALM PALMERTON PARKER PARKER 1 E PAUPACK 2 WNW PHIL DREKEL INST OF TE PHILADELPHIA WB AP	6622 6681 6689 6721 6724 6762	PHILAGELPHIA BRADFORG MONTGOMERY CARBON ARMSTRONG CLARION PIKE	8 42 12 5 40 05 15 41 55 14 4D 26 9 40 48 1 41 05 1 41 06 5 41 24 14 39-57 5 39 53	79 49 75 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15	1060 100 1340 385 435 HI 1140 11D0 1360 3D MI 7, HI	7A 8A MID	С С С	ELLSWORTH WEAVER AIRPORT GUARDS ELMER T. MOORE MRS HELEN ESCHBACH NEW JERSEY ZINC CO. LOUIS A. MALARKEY P. M. NEELY MISS L. VETTERLEIN FRANCIS K. DAVIS. J. U.S. WEATHER BUREAU
DEVAULT 1 W DINGMANS FERRY DIXON DONEGAL DONORA DOYLESTOWN DRIFTWOOD DU 8015 FAA 41RPORT DU 8015 7 E DUNLO	216D 2171 2183 2190 2221 2245 2260 2265	CHESTER PIKE WYOMING WESTMORELAND WASHINGTON BUCKS CAMERON JEFFERSON CLEARFIELD CAMBRIA	14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 18 16 41 20 1 41 11 16 41 06 4 40 17	75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 08 78 38 78 43	360 MI0 430 750 7, 1746 MI1 900 51 393 880 181 MI1 1670 51 2410	7A 0 MIO 5P 5P	H H H H	THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES	PHILIADELPHIA DT BREEZE PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 PITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNXSUTAMMEY	6916 6927 6939 6993 6997 7029 7116 7161	PHILADELPHIA CENTRE CHESTER LUZERNE ALLEGHENY ALLEGHENY WAYNE SCHUYLKILL DEFFERSON	5 39 55 6 40 54 14 40 07 15 41 18 11 40 30 11 40 27 5 41 44 14 40 35 14 40 42 1 40 57	75 12 78 05 75 30 76 08 8D 13 80 00 75 27 76 02 76 11 79 00	32 H10 1918 H10 105 50 1320 1151 H10 749 H10 1800 80 450 70 690 1300	MID 7A 7A 0 HID 0 HID 4 8A	C H	PHILA. SUB. WATER COMM. HARRY SHELDON J U.S. WEATHER BUREAU U.S. WEATHER BUREAU
DUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG EDINBORO EDINBORO 6 SW EMPORIUM 1 N EMGLISH CENTER EPHRATA E OULNUMK 2	2343 2363 2466 2514 2519 2635 2644 2662	SULLIVAN SULLIVAN CLARION CAMBRIA ERIE CRAWFORD CAMERON LYCOMING LANCASTER WAYNE	16 41 29 16 41 24 1 40 59 4 40 29 1 41 52 41 50 16 41 32 16 41 26 15 40 11 5 41 51	76 25 76 35 79 37 78 43 80 08 80 14 78 14 77 17 76 10 75 13	1910 2020 78 820 51 2090 71 1220 1140 1560 88 880 78 465 61	5P 7A 8A 8A 8A 7A	ос н	ROBERT J. OBERT FRANCIS 8. HANLEY A. 8. KEMPEL ROBERT A. WASSER EDINBORO ST. TCHR. COL. MRS PALLA J TAUTIN MILITAM SUDERS STANLEY L. VON NEIDA MRS. HALLE W. BRITON MRS. TALLE W. BRITON MILITAM SUDERS	PUTNEYVILLE 2 SE DAM QUAKERTOWN 1 E RAYMOND PREADING WB CITY RENOVO RENOVO 5 S REW RICES LANDING L 6 RIDGWAY ROCHESTER 1 N	7239 7310 7318 7409 7410 7425 7443 7477	ARMSTRONG BUCKS POTTER BERKS CLINTON CLINTON MC KEAN GREENE ELK BEAVER	1 40 55 5 40 26 13 41 52 14 40 20 16 41 20 16 41 14 11 41 54 10 39 57 1 41 25 2 40 43	79 17 75 20 77 52 75 58 77 45 77 46 78 32 80 00 78 45 80 18	1270 8, 490 51 2220 266 M1, 660 7, 2035 2250 775 1360 8, 900	7A D. MID	C H	CORPS OF ENGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAN U.S. MEATHER BUREAU U.S. MEATHER BUREAU ELMER G. BATSCHELET C. F. BILLETTE EDWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF PIDGWAY DEOUESNE LIGHT CO.
ERIE CO FIELD RSCH L/ ERIE WB AIRPORT EVERETT I SW FARRELL SHARON FORD CITY 4 S DAM FRANKLIN FREELAND GALETON GEIGERTOWN GEORGE SCHOOL	2682 2721 2814 2942 3028 3056 3130 3189	ER1E ER1E BEDFORD MERCER ARMSTRONG VENANGO LUZERNE POTTER BERKS BUCKS	8 42 13 8 42 05 6 40 00 2 41 14 1 40 43 1 41 23 15 41 01 16 41 44 14 40 13 5 40 13	79 51 80 12 78 23 80 30 79 30 79 49 75 54 77 38 75 50 74 56	740 732 MII 1020 88 855 71 950 88 987 61 1900 61 1365 400 135 88	7P 8A 8A 7A 8A	G H, G H	FIELD RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIKE COMM. SHARON STEEL CORP. CORPS OF ENGINEERS RICHARD A BEITH ANDREW B. EVANSHA STANLEY G. LUSH WALTER C. WOLF GEORGE M. MART	RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 W SAXTON SCANDIA 1 E SCHENLEY LOCK 5 V SCRANTON SCRANTON WB AIRPORT	7729 7732 7739 7782 7846 7855 7863 7902	SUSDUEHANNA WARREN LANCASTER INDIANA WESTMORELAND BEDFORD WARREN ARMSTRONG LACKAWANNA LUZERNE	15 41 47 1 41 56 15 39 55 1 40 46 7 40 31 6 40 12 1 41 55 1 40 41 15 41 25 15 41 20	76 07 79 08 76 23 79 14 79 33 78 15 79 02 79 40 75 40 75 44	870 1230 270 1320 1109 61 780 2100 783 746 7, 940 Mil	VAR VAR	C H	CARL KOPATZ MIXE L. FERRIE S.H. WATER POWER CORP. CORPS OF ENGINEERS MUN, AUTH MSTHRID. CO. HRS. ALVERTA L. HOLMES CLARE E. WINERITER CORPS OF ENGINEERS U.S. POST OFFICE U.S. WEATHER BUREAU
# GETTYSBURG 1 S GENCOE GLEN HAZEL 2 NE DAM GENNOORE GLEN ROCK GENNILLARD DASH DAM GOULDSBORD GRATERFORD GRATERFORD GRATERFORD 1 E	3223 3298 3311 3321 3330 3343	CHESTER	12 39 50 12 39 48 12 39 49 1 41 34 5 40 06 15 39 48 11 40 33 9 41 15 14 40 14 14 40 14	77 14 77 14 78 51 78 36 75 47 76 44 80 13 75 27 75 27 75 26	540 9. 530 1620 1725 440 620 705 1890 155 240 7.	7A 7A 7A 7A 7A	000 0	HUGH C. MC ILHENNY NATIONAL MILITARY PARK MRS. MARY M. HARTHAN CORPS OF ENGINEERS JOHN J. SWRADER MRS. E. C. MC MILLIAMS CORPS OF ENGINEERS DANA L. SHAY CHAPLES A. LEISTER STATE CORRECTIONAL INST	SELLERSVILLE 2 NW SHADE GAP 2 NE SHAMMKIN SHEFFIELD 5 W SHIPPENSBURG SINKEMAHONING SIZERVILLE SLIPPERY ROCK SMETHORT HIGHAY SHEE SOMERSET FAIRVIEW ST	7965 7978 8026 8073 8145 8155	BUCKS HUNTINGDON NORTHUMBLAND WARREN FRANKLIN CAMERON CAMERON BUTLER MC KEAN SOMERSET	5 40 23 6 40 12 15 40 48 1 41 42 15 40 03 16 41 19 16 41 36 2 41 04 1 41 48 17 40 01	75 20 77 52 76 33 79 08 77 32 78 05 78 11 80 03 78 27 79 05	530 920 770 1920 709 41 790 1230 1345 71 151D 2140	7A 7A	C H	MRS. FRANCES CALDWELL MRS. AGNES LIDN
GREENSBORO LOCK 7 GPEENSBURG 2 E GREENVILLE HANOVER HARRISBURG WB AP HARRISBURG NORTH HAMLEY 1 S DAM HOLLIDAYSBURG HOLLISTERVILLE	3515 3526 3662 3699 3704 3758 3761 4001 4008	YORK DAUPHIN WAYNE WAYNE BLAIR WAYNE	10 39 47 10 40 18 2 41 24 15 39 48 15 40 13 15 40 18 5 41 28 6 40 26 5 41 23	79 55 79 31 80 23 76 59 76 51 76 54 75 10 75 11 78 24 75 26	808 1225 980 6 600 8 335 MI 323 680 7 1200 960 1360	MID 9A	C H C H	CORPS OF ENGINEERS PA. DEPT. HIGHWAYS C. EARL MILLER HANOVER EVENING SUN U.S. MEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT \( \).	SOUTH CANAAN 1 NE SOUTH MOUNTAIN SPRING ROVE STATE COLLEGE STATE COLLEGE STATE COLLEGE 2 STILLWATER DAM STOYSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN	8308 8379 8449 8452 8491 8560 8570	WAYNE FRANKLIN YORK CENTRE CENTRE SUSDUEHANNA SOMERSET BERKS INDIANA MONROE	5 41 31 12 39 51 15 39 52 16 40 48 16 40 48 15 41 41 40 06 14 40 29 4 40 33 5 40 59	75 24 77 30 76 52 77 52 77 52 75 29 78 57 76 11 78 55 75 12			c c c c	EUGENE M. COOK PA. DEPT. OF MALTH P. M. GLATFELTER CO. PA. STATE UNIVERSITY CORPS OF ENGINEERS VEPNON MONG JACOB KLAHR MARRY F. BENNETT WILLIAM HAGERTY
# HOLTWOOD MONE SOALE 4 NW HONESOALE 6 NNW HONES BROOK 1 W HOP BOTTOM 2 SE HUNTINGON HUNTSOALE HYNDMAN INDIANA 3 SE	4027 4043 4044 4047 4066 4159 4166 4190	LANCASTER INDIANA WAYNE WAYNE CHESTER SUSOUEHANNA HUNTINGDON CUMBERLAND BEDFORD INDIANA	15 39 50 1 40 45 5 41 37 5 41 39 5 40 06 15 41 43 6 40 29 15 40 06 12 39 49 4 40 36	76 2D 79 06 75 19 75 17 75 56 75 43 78 01 77 18 78 44 79 07	187 MI 1220 1410 1050 TD0 9D0 640 7 610 960 1102 7	9A 7A 7A 8A 7A	с н с с н	PA. POMER + LIGHT CO- MRS. EDMA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTA JOSEPH J. SANAUSAS JAMES R. GIENGER HETRO P. ODROSH DONALD LEHMAN CLYMER WATER SVC. CO.	STUMP CREEK SUNBURY SUSOUEMANNA TAMAQUA TAMAQUA 4 N DAM TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE MATER WORKS TOBYMANNA TORPEDO 4 W	8668 8692 8758 8763 8873 8885 8885 8886 6893	JEFFERSON NORTHUMBLAND SUSDUEHANNA SCHUYLKILL SCHUYLKILL FOREST CRAWFORD CRAWFORD MONROE WARREN	1 41 01 15 40 52 15 41 57 14 40 48 14 40 51 1 41 29 1 41 38 5 41 11 1 41 47	78 50 76 47 75 36 75 58 75 59 79 26 79 40 79 42 75 25 79 32	1320 480 7 1020 830 1120 1200 8 1550 1220 7 1950 5	7A 8A 7A 8A	C H	CORPS DF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WIR. CO- CORPS OF ENGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRADY MPS. LILY B. GARBER
JACKSON SUMMIT JAMESTONN 2 NW JERSEY SHORE JOHNSTOWN JOHNSTOWN 2 KANE 1 NNE KARTHAUS KEGG KETTLE CREEK DAM KITTANNING LOCK 7	4325 4363 4385 4390 4432 4450 4481 4545	TIOGA CRAMFORD LYCOMING CAMBRIA CAMBRIA MC KEAN CLEARFIELD BEDFORD CLINTON ARMSTRONG	15 41 57 2 41 30 16 41 12 4 40 20 4 40 19 1 41 41 16 41 07 6 39 59 16 41 22 1 40 49	77 01 60 28 77 15 78 55 78 55 78 48 78 07 78 43 77 56 79 32	1690 1050 8 541 1214 9 12750 8 950 1280 MI 930 790	7A 9A 8A 7A	С С С С	ARCHIE LAIN ARCHIE LAIN AR DETH. FRST. + WIRS. GEORGE R. WANDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDOLDH A. ANDERSON WILLIAM J. HOWE PA. TURRPHISE COMM, CORPS OF ENGINEERS CORPS OF ENGINEERS	TOWANDA 1 ESE TOWER CITY 2 E TROY TUNNELTON TURTLEPOINT 4 NE TYRONE 4 NE BALD EAGL UNION CITY FILT PLANT UNION TOWN VANDERGRIFT VIRGINVILLE	8912 8959 8989 9002 9024 9042 9050 9128	BRADFORD SCHUYLKILL BRADFORD INDIANA MC KEAN BLAIR ERIE FAYETTE MESTMORELAND BERKS	15 41 45 15 4D 35 15 41 47 4 40 27 1 41 54 4 40 43 1 41 55 10 39 54 7 40 36 14 40 31	76 25 76 31 76 47 79 23 78 16 78 12 79 48 79 44 79 33 75 52	745 7 835 8 110 89 164 102 140 1040 6 800 350	7A 7A 7A 7A	C H	LEVERH ROOT  HPS LILLIAN S BOWMAN  JENNIE L. BALLARD  HAS, HARY E. WEINER  ROBERT D. STRAIT  FREDERICK L. FRIDAY  HAROLO W. HAMMOND  WH. W. HARSTELLER  UNITED ENG. + FNDRY.CO.  MRS, MARY M. WRIGHT

### STATION INDEX

STATION	X NO.	COUNTY	AGE ‡	TUDE	LONGITUDE	ATION		SERV TME TAB	ANI	D	OBSERVER	STATION	K NO.	COUNTY	4GE ‡	TUDE	TUDE	ATION		ISERV TIME TAE	: AN	D	
5	INDEX	000	DRAIN	LATI	LONG	ELEV	TEMP.	PRECIP.	EVAP.	SPECIAL (IEE NOTE)	OBSLINVER	SIATION	INDEX	COUNTY	DRAIN	LATT	LONGITUDE	ELEVA	TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
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\$ 1. ALLEGHENY 2. SHAVER 3. CONEMUNG 4. CONEMAUGH S. DELAWARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9. LEHIGH 10. MONONGAHELA 11. OHIO 12. POTOMAC 13. LAKE ONTARIO 14. SCHUYLKILL 15. SUSQUERANNA 16. WEST BRANCE 17. 10/05H/05GENY

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvaeia may be obtained by writing to the State Climatologiet at Weather Bureau Airport Station, Harrieburg State Airport, New Cumberland, or to sey Weather Bureau Office ever you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data aed corrections will be carried only in the June and December incume of this bulletic.

Mosthly and seasonal snowfall and heating degree days for the 12 months coding with the preceding June data will be carried with the July issue of this bulletin.

Statioes appearing ie the Index, but for which data are not listed in the tables, either are missing or were received too late to be included ie this issue

Divisions as used ie "Climatological Data: Table and oe the maps, became effective with data for September 1956.

Ubless otherwise indicated, dimensional units used in this bullette are: Temperature in "F, precipitation and evaporation in inches and wind novement in miles. Houthly degree day totale are the awas of the negative departure of average daily temperature from 65° to

Evaporation is measured to the standard Meather Bureau type pac of 4 foot diameter unless otherwise shown by footcots following the "Evaporation and Wied" Table. Max and Mie in "Evaporation and Wied" Table refer to extremes of temperature of water to pan as recorded during 24 hours ceding at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Seow on Grounds" Table are the water equivalent of enow, elect, or ice on the ground. Samples for obtaining measuraments are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the secopack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and alcot. Entries of enow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Dmily Precipitation" Table; "Dmily Temperature" Table; and "Evaporatioe and Wind" Table; and ecowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observatioe. The Statice Index shows observatioe times in local standard time. During the summer months nome observer take the Observatioes on

Snow on ground ie the "Seowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA etations. For these etations seem on ground values are at 7:00 a.m., E.S.T.

- In the Station Iedex the letters C, G, R, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following: Recording Rain Gage Statice. Hourly precipitatice values are processed for epecial purposes, and are published later in "Rourly Precipitatice Data Bullstin.

  G "Soil Temperature" Table.

  H "Seowfall and Secow ce Ground" Table. Omission of data in any month indicates so encowfall sed/or secow ce ground in that month.

  J "Supplemental Data" Table.

- OTHER REFERENCE NOTES

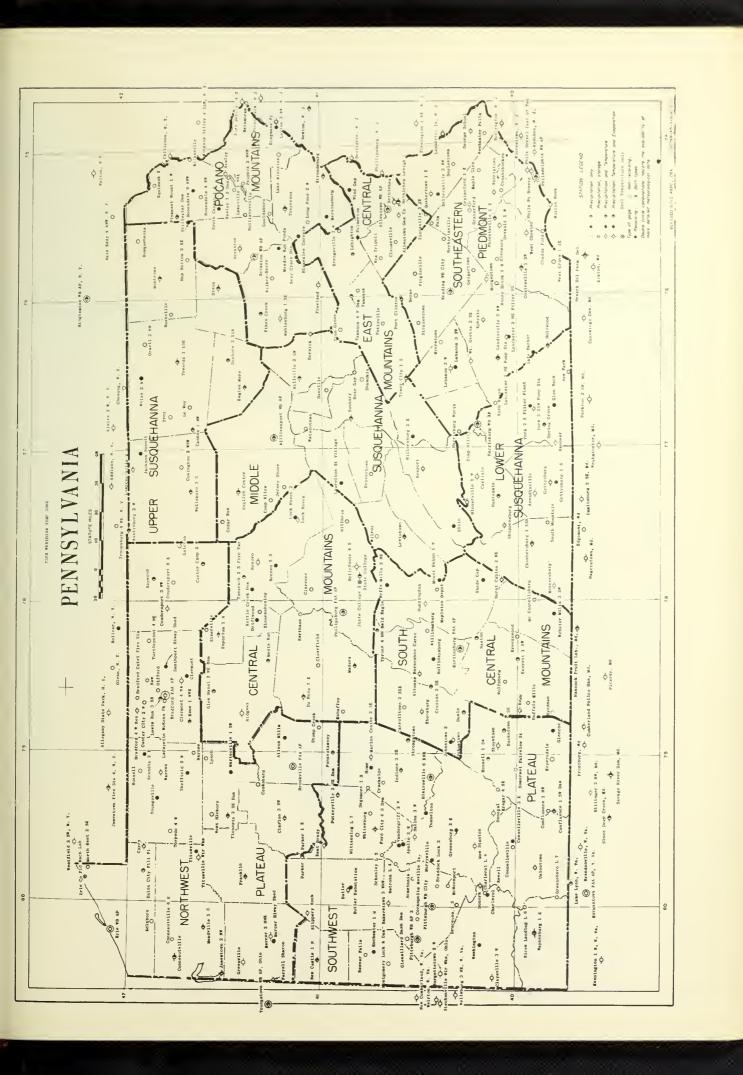
  No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by severy.
  Interpolated values for monthly precipitation totals may be found in the annual leave of this publication.
  No record in the Supplemental Data" Table, "Daily Precipitation" Table; "Evaporation and Vind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the And also on an earlier date or dates.
  \*\* Fastest observed one minute wied speed. This station is not equipped with automatic wied isetrumeets.
  \*\* Amount iseluded is following necessurement, time distribution unknown.
  \*\* Amount iseluded is following necessurement, time distribution unknown.
  \*\* On the roof of a building.
  \*\* Gage is equipped with a reidshield.
  \*\* After every in time of observation colume in Static leax mess after rais.
  \*\* One or more days of record missieg: if average value is extered, leas the ID days record is missing. See "Daily Temperature" Table for datailed daily record. Degree day data, if carried for this statice have been adjusted to represent the value for a full mooth.
  \*\* State entry in time of observation column is recognished accurate but may vary alightly from the amounts to be published later in Hourly Precipitation Data.)
  \*\* This entry in time of observation column in Station ledex means observation and entry in time of observation column in Station ledex means variable.
  \*\* This entry in time of observation column in Station ledex means variable.
  \*\* On the record is the U. S., Or, each most two column in Station ledex means variable.
  \*\* Part of the following day.
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  \*\* The contract of the full way. It i

General weather coeditions in the U. S. for each moeth are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superinteedeet of Documents, Government Printing Office, Wambington 25, D. C.

leformation coecerning the bistory of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation Bistory" for this state. That publication may be obtained from the Superintendent of Documente, Government Prieting Office, Manhington 28, D. C. for 68 cente. Similar information for regular Weather Bureau etations may be found in the 1961 amount issue of Local Climatological Data for the respective etations, obtained as indicated above, price 18 cents.

Subscription Price: 20 coets per copy, mosthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders abould be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 23, D. C.

USCOMM-WB-ASHEVILLE---S-1S-63---100D





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### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

APRIL 1963 Volume 68 No. 4



ASHEVILLE: 1963

JUN 20 1963
UNIVERSITY OF ILLIPSES

### PENNSYLVANIA - APRIL 1963

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 89° on the 4+ at 3 Stations

Lowest Temperature: 10° on the 10th at Salina 3 W

Greatest Total Precipitation: 4.95 inches at Rew

Least Total Precipitation: 0.25 inch at Geigertown

Greatest One-Day Precipitation: 2. 20 inches on the 20th at Mercer 2 NNE

Greatest Reported Total Snowfall: 4.0 inches at Bradford Central Fire Station and Rew

Greatest Reported Depth of Snow on Ground: 4 inches on the 11th at Rew

### SPECIAL WEATHER SUMMARY

Mild and sunny but rather windy weather conditions prevailed throughout the month. The 10 to 15 percent greater than normal sunshine contributed appreciably toward making this the warmest April since 1960. Under bright sunny skies days were generally mild, but night time temperatures dipped to near and below the freezing mark a number of times, with scattered frost in low-lying areas reported as late as the 28th. Under the influence of rather intense and sometimes fast-moving pressure systems, wind was unusually strong, averaging some 2 to 4 m.p.h. greater than normal. On a number of days, speeds averaged as much as 5 to 10 m.p.h. greater than normal. Maximum wind speeds too were exceptionally high with 60 to 70 m.p.h. and higher speeds reported in gusts on several occasions, usually in connection with fast-moving frontal systems. As a result, wind damage to property throughout the State was higher than normal.

The customary 'April showers', while normal in number, were conspicuous by the absence of appreciable rainfall. Most of the showers and thunderstorms produced less than . 25 inch of rain and many less than . 10 inch. Consequently, monthly rainfall totals were below normal

everywhere. Amounts of only 30 to 80 percent of normal were reported most places and as little as 10 percent of normal in portions of several southeastern counties. Most places experienced the driest April since 1946 and one of the driest Aprils of record.

The combination of strong winds and a lack of rain, especially in the eastern two-thirds of the State, dried out top soils rapidly, with the result that many farmers curtailed planting operations temporarily. An unusually large number of forest and brush fires were also attributed to the dry conditions. Showers and thunderstorms the last two days alleviated the early spring dryness somewhat as .50 to .75 inch rainfall occurred over the major portion of the State.

Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

#### CLIMATOLOGICAL DATA

PENNSYLVANIA APRIL 1963

			,		Terr	npero	ture	,										Preci	pitation					
					100						_	No. of		_					Sno	w, Sleet		,	Yo. 0	f Doys
Station		Average	Average	Average	Departure Fram Norma	Highest	Date	Lowest	Date	Degree Days	-	32° or Below		0° or Below	Tatal	Departure From Normal	Greatest Day	Dote	Totol	Mox. Depth an Graund	Dote	.10 or More	.50 or More	1.00 or More
NORTHWEST PLATEAU RAOFORD 4 W RES ARION 3 SW LERMONT 4 NW NNEAUTVILLE NRY UDGERSPORT 3 NW J BOIS FAA AIRPORT SIT BRAOY RIE WB AIRPORT RRELL SHARON RANKLIN REENVILLE NE 1 NNE AOVILLE 1 NNE AOVILLE 1 SA ROUGH SANG ONESTA 2 SE OAM TUSVILLE WATER WO REEN OIVISION OCONO MOUNTAINS		54.3 58.3 61.5 54.5 54.5 55.0 65.3 56.6 64.1 61.5 61.6 56.6 58.4 61.5 58.4 61.5	31.1 28.7 32.5 28.0 33.2 32.8 27.4 34.9 35.6 37.0 40.8 32.4 35.2 28.9 34.6 31.0 31.2 28.5 33.5	42.7 43.5 47.0 41.3 46.1 45.7 42.2 46.4 50.5 46.8 52.5 47.0 48.4 42.8 46.3 44.7 42.5 46.9	- 0.2 1.3 1.8 0.6 0.2 0.1	80 78 85 79 85	2 2 2 2 3 2 2 2 2 3 3 2 3 2 2 2	188 177 200 122 199 211 14 22 25 25 29 29 24 17 23 20 21 17 22	6 16 15 5 8 5 16+ 5 8 25+ 8 15 16 30+	663 533 711 5643 575 554 433 388 535 459 548 557 659 548 557	000000000000000000	0000000000000000	21 22 18 21 16 18 24 10 7 7 19 16 21 14 20 19 21 18	000000000000000000000000000000000000000	3.26 4.88 1.80 3.70 3.79 2.83 2.25 2.94 2.76 2.08 3.95 3.17 4.08 3.95 3.17 3.24 3.34 3.34	27 62 63 - 1.74 - 1.07 42 27 61	1.26 .97 .71 1.63 1.20 .90 .90 .101 .76 1.20 1.08 .60 .96 .70 .94 2.20 1.03 .80 1.04	18 20 20 4 20 19 18 19 20 20 20 20 20 20	3.55 2.00 T 2.00 .00 .66 .66 .60 .11 T T 1.55 .22 .00 .57 T 7	2 T 1 1 0 0 0 T 0 0 1 1 0 0	11+ 11 11+ 30	8 8 4 7 4 7 9 7 7 8 7 7 5 8	4 1 2 2 3 2 1 2 2 3 3 2 2 2 3 3 2 2 3 3 1 3 3 2 3 3 1 3 3 3 3	0 0 1 1 0 1 0 1 0 0 1 1 0 0 0 1
AR CREEK OAM EELANO WLEY EASANT MOUNT 1 W RANTON RANTON W8 AIRPORT ROUOSBURG GYHANNA OIVISION		56.9 57.3M 59.8 53.9 61.5 60.4 62.5	30.9 34.9M 30.4 29.8 35.4 37.7 32.5 31.8	43.9 46.1M 45.1 41.9 48.5 49.1 47.5 44.8	0.3 0.0 1.7 - 1.2	77 73 79 72 80 80 86 77	4 17 3 4+ 4 3 3 2	18 22 21 19 22 26 21 20	6 8 8 11 8 8	625 560 587 686 490 475 516 602	0000000	00000	18 15 21 22 11 6 17	0000000	.84 1.01 2.09 1.10 1.30 1.39 1.46	- 2.57 - 2.00 - 2.33 - 1.97 - 2.76 - 2.88 - 2.59	.23 .35 .36 .40 .46 1.12	20 18 30 30	2.00 .5 3.5 .0 .5 T 1.2	1	23	4 8 4 4 1 3	0 0 0 0 1 1	0 0 0
AST CENTRAL MOUNT. LENTOWN W8 AP LENTOWN GAS CO THLEHEM LEHIGH UN LMERTON RT CLINTON DIVISION	R	63.2 63.5 66.0 61.9 63.7	37.7 38.9 41.9 36.8 32.0	50.5 51.2 54.0 49.4 47.9	1.2 1.2 2.5 0.4 - 1.1	82 84 89 83 84	3 4 3 3 4	27 29 30 25 18	8 8 5 6 6	430 408 338 463 507	00000	00000	7 4 3 11 17	0 0 0 0	1.18 .70 1.67 2.19 1.75	- 2.58 - 3.04 - 1.96 - 1.30 - 2.36	•76 •25 1•25 1•51 1•37	30 30 30	• 2 • 0 • 0 T • 0	T O O O		3 4 4	1 0 1 1 1	1
OUTHEASTERN PIEDMI ATESVILLE 1 SW VAULT 1 W HRATA ORGE SCHOOL ATERPORO 1 E LTWOOD NCASTER 2NE PUMP 9 NOISVILLE 2 NW BANON 4 WNW RCUS HOOK RGANTOWN GRETNA 2 SE RRISTOWN IL OREXEL INST OF ILAGELPHIA WB AP ILAGELPHIA PT BREE OENIXVILLE 1 E ADING WB CITY ST CHESTER ST GROVE 1 SE OIVISION	TEC R	64.6 63.4 66.2 63.0 62.8 67.4 63.1 64.2 64.3 65.3 65.3 65.3 65.1 64.4 65.0 67.6 65.0	38.6 37.9 39.4 37.0 36.2 42.1 37.0 39.5 44.3 38.3 37.8 40.7 44.8 40.5 40.7 36.7 36.7 36.7 40.7	51.6 50.7 52.8 50.0 49.6 52.5 52.5 50.1 51.3 51.3 51.3 51.3 51.3 51.3 51.3 53.2 55.0 55.4 53.2 55.0 55.4 53.2	0.9 0.8 -1.0 0.4 1.1 -0.3 0.5 2.7 -0.6 0.4 1.2 0.2	87 85 84 85 84 82 87 83 82 87 84 84 86 89 87 87 85 87 85 87 88 87 87 88 87 88 87 88 87 88 88 88	433443333333333344	28 29 29 24 26 30 25 22 30 36 27 25 31 38 22 24 33 33 28 31	6 6+8+668+6656+8+86565666+58	400 424 368 440 371 366 403 323 407 353 308 375 386 433 378 401	000000000000000000000000000000000000000	000000000000	3 4 5 10 7 3 0 6 6 1 0 2 0 12 11 0 5 3	000000000000000000000000000000000000000	.92 .66 .93 .58 .43 .74 .63 .51 .60 1.23 .51 .50 1.01 1.11 .50 1.01 1.13 .53 .92 1.10	- 2.57 - 2.48 - 3.06 - 2.35 - 2.97 - 2.41 - 2.27 - 2.42 - 2.97 - 2.42 - 2.97 - 2.32 - 2.61 - 2.32 - 2.61 - 2.35	.33 .388 .600 .411 .144 .23 .16 .300 .699 .700 .660 .72 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	30 30 20 23 23 23 23 30 30 30 30 30 30 30 30 30 30 30 30 30	00 00 00 00 00 00 00 00 00 00 00 00 00	000000000000000000000000000000000000000		322134232312233122334	0 0 0 1 1 1 0 1 1 0 1 1 0 0	0000000000000000
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OIVISION  100LE SUSQUEHANNA RWICK GLISH CENTER WISTOWN LLVILLE 2 SW WPORT NOUNY WER CITY 2 E		62.5 61.3 65.0 60.3 66.2 64.7 60.9	33.9 28.5 35.6 34.0 36.6 34.2 35.8	52.6 48.2 44.9 50.3 47.2 51.4 49.5 48.4	0.8	81 84 86 79 87 85 82	19 3 3 3 3 3	20 19 26 24 24 22 22	11 9+ 7+ 6 6 8	497 597 437 528 406 462 493	000000	0	22	0000000	1.46 .93 1.49 1.12 .94 .99 .86	- 2.04 - 2.57 - 2.79		20 18 20 18 18	T .0 .0 .0 .0 .0 .0 .0	000000		3 4 5 5 4 4 3	0 0 0 0	0

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UPPER SUSQUEHANNA						i	ļ															- 1	
AUSTINBURG 2 W CANTON 1 NW OIXON EAGLES MERE LAWRENCEVILLE 2 S MONTROSE TOWANOA 1 ESE WELLSBORO 3 S	58.9 55.2 60.8 55.6 60.7 54.5 61.3M 55.9	32.3 33.9 30.6 32.3 31.4 31.1 33.0 32.2	45.6 44.6 45.7 44.0 46.1 42.8 47.2M 44.1	- 0.3 - 0.3	80 79 80 75 83 76 82 79	4+ 3 4+ 4 3+ 3 2	21 22 20 20 18 22 20 20	6 11 9+ 5 8 6+ 8 5	576 608 571 626 560 660 531 621	0000000	00000	21 14 18 17 20 19 17	00000000	2.43 1.80 1.21 1.73 1.26 1.64 .94 1.89	- 1.42 - 2.15	• 46	18 20 30 20 20 23	7 7 8 5 7 7 3.4 5 5	T T T T O 1	11+ 23 23+ 23 23	4 5 4 5 6 3 3	0 0 0 0	0 0 0 0
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SOUTH CENTRAL MOUNTAINS																							
ALTOONA HORSESHOE CURVE 8URNT CA8INS 2 NE E8ENSBURG EVERETT 1 SW HUNTINGOON JOHNSTOWN KEGG MARTINSBURG FAA AP	63.7 67.4h 59.5 63.3 65.4 60.3 63.8 62.6	35.9 36.0M 35.4 36.0 34.7 39.4 35.8 38.6	49.8 51.7M 47.5 49.7 50.1 49.9 49.8 50.6	1.2 1.4 0.5 - 0.3	85 84 78 85 85 81 88 84	19 3+ 19 3 4 19 2	25 21 21 24 23 26 25 26	6 6 6 16 7+ 6 6	452 399 521 460 443 449 456 433		000000	11 13 14 15 14 9 12	000000	2.28 1.97 2.04 1.74 1.34 3.13 .91 2.22		.45 .96 .47 .64 .1.22	17	T .cc	0 0	24+	6 5 6 5 6 3 7	1 0 1 0 1 2 0 1	0 0 0 0 1
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SOUTHWEST PLATEAU																							
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W BUTLER CLAYSVILLE 3 W CONFLUENCE 1 SW OAM OONEGAL DONORA FORO CITY 4 S DAM INDIANA 3 SE MARION CENTER 2 SE MARION CENTER 2 SE MARION CENTER 2 SE MARION STANTON NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY PUTNEYVILLE 2 SE OAM SALINA 3 W SLIPPERY ROCK STOYSTOWN UNIONTOWN WAYNESBURG 1 E	62.9 60.1 61.7 60.8h 64.2 61.1 59.4 67.7 61.6 62.8 61.0 64.3 65.5 63.0 60.3 62.9 61.5 59.1 63.6	38.9 37.5 31.7 35.4M 32.5 33.5 33.5 33.6 38.8 37.2 35.3 38.4 34.8 36.8 41.9 34.8 37.7 33.9 34.8 37.7 33.9	50.9 48.8 46.7 48.1M 47.3 46.5 53.3 48.2 48.4 47.9 50.9 49.0 52.5 47.4 49.6 46.5 52.6 48.9 49.6 46.5 52.6 48.9	- 1.6 - 1.5 0.0 0.4 0.0 0.3	83 82 82 82 82 82 83 85 85 85 86 86 87 88 88 88 88 88 88 88 88 88 88 88 88	3 19+ 19+ 2 2 20+ 3 2 2 3 2 3 2 2		10 15 16+ 16+ 10 16+ 10 15+ 10 10 6 10 10 6 10 10 10 10 10 10 10 10 10 10 10 10 10	424 491 543 505 494 536 60 4991 541 644 479 387 547 389 5471 5485 3493 493	000000000000000000000000000000000000000	000000000000000000000000000000000000000	9 13 17 14 16 17 16 11 13 12 13 12 13 17 16 11 17 17 16 11 17 17 17 18 11 17 17 17 17 17 17 17 17 17 17 17 17	000000000000000000000000000000000000000	2.99 3.25 2.55 3.09 2.14 1.52 2.35 1.83 2.70 2.58 2.74 3.18 2.75 1.80 2.23 2.23 2.23 2.23 2.21 1.25	6 - 1.3! - 1.686 - 1.3	99.77 7 1.33.75 6 .77 6 .44 8 .66 8 1.11 1.01 1.33 6 .33 2.29 8 .66 8 .55 8 .77 1.51 1.11 7.70 2.20 8 .20	3 20 7 20 0 23 17 17 18 18 9 18 18 9 20 6 20 6 18 1 23 17 19 19 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	T		10 24+	7 6 6 6 5 10 6 5 5 5 6 5 7 3 6 5	2 2 2 1 0 0 0 1 2 2 3 3 3 0 0 1 1 1 2 1 2 1 0 0	0 0 0 0 1 1 0 0 0 0 0 1 0 0 0
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ETONIA LOCK 3 ENTOWN WB AP R ENTOWN GAS CO	2.44	-13	•01 •16	Ť	.01		+-1		T		.01			i		.24	.89	T	.62 T	т	7	•19 •17	.06 T		T		-	.02	-
ENTOWN GAS CO DONA MORSESHOE CURVE NDTSVILLE	.70 2.28 1.93	.43	.09		.01				.04 .15	ī	Ť					.13	•10 •70 •31		.35		Ť	•16 •27 •33	•10 •02					.04	
TINBURG 2 W ERSTOWN 3 WNW	2.43 2.99 2.92	.09	•05 T		.23 .18	T				•01	.06			т	T	*17	.18 .89 .24	.02 .18 .11	.69 .82	T	Т	.51 .34	.07 .22					.30	T .
NES R CREEK DAM R GAP	.84	•06	.12		.02					.08	•02			n		•07	•19 •16	.02	-02			•10 •30	+04						
EVER FALLS EVERTOWN EMTELSVILLE	3.19 1.20		.05		.15	Т			•02 T	T		T		1		•02 T	.80 .31	*13 T	+05			•54 •16 •38	.09 .02	Т					
LLEFONTE & S	1.67	•27	.07		T					T T				d		T	.39	•19	•37 T	1		•16	.02						
REICK TMLEHEM TMLEMEM LEHIGH UNIV	.62 1.67	т	.02 .16 .16		T				•02		T					•11	.02 .03	.02 T	. 07 T	.02	.02 T	•15 •13						•02	
NIRSVILLE 6 ENE DSERVILLE 1 N	3.25	•26 •13	.10		T				.06		T					•03	•79 T	T	.12			•96	•06					.15	٠
SWELL 1 SW AGOOCK LOCK 2 ADFORD FAA AIRPORT	3.08 2.23 3.26	•06 •17	.06	.47	•07	Ť			.05 .11	•03	•04	Т			Т	.13 .02 .15	. 89 T	1.26	.15 .64	т	.21	.57 .08	•22 •13 •06					• 0 5	
ADFORO CNTRL FIRE STA	4.72		.05		.87	.02				.08 .21	.14						.97	•31	.85	.02		.73	*10 T			3.6			:
EZEWOOO JCETON 1 S FFALO MILLS	1.50 2.25 1.54	+17	•02		•20 •02				•01 •30						.30	•0B	.77 .25	• 25			. 29	.50 .46	.09			.15			:
RETTSTOWN 2 W RNT CABINS 2 NE	2.55	•05 •35	•09		•13	•01			•13							•16 •10	•43		.78			•13 •45	.05	Т					
TLER AP KLINE NTON 1 NW	3.09 1.08 1.80	+12 T	•04		.02					•02 T •04	Т					.03	.84 .23 .66	•19 •03	1.33 .49 .23		•17	•14	.09						
RLISLE ROLLTOWN 2 SSE	3.69	•17 •36	.05		•05	Т			•07	•01	T					.02	1.95		.79			•22	•06	Т					:
RTER CAMP 2 W DAR RUN AGOS FORO	2.06 1.37 1.16	•12	.06 .02		.08	Т			•14	Ť	T	Т					.43 .32 .08	.05	•60 •62			.08	•08						
AMBERSBURG 1 ESE ARLEROI LOCK 4	1.71	•02	.09		•01				•22 •17	0.3						.18	•65		.03			•31	•07					•12	•
RENCE 1 E RRION 3 SW AUSSVILLE	1.80 1.10	•19	•13		•16	•02			•06	•02 •01						.01	•26 •46 •10	•02	.10 .71			•09 •11 •16	.05 .03						
AYSVILLE 3 W EARFIELO	2.14		.08		•10 •04	T					T					•04	.65	.08	.44		7	.20	.07						
ERMONT 4 NW ATESVILLE 1 SW NFLUENCE 1 SW OAM	3.70 .92 1.52	•19	•17 •05		.04	Т			.04	•06 T T	• 06 T	Т				*02 T	.53 .06 .30	.05	.08 .05		.10	•39 •28 •40 •25	.04	т					
NFLUENCE 1 NW NNEAUTVILLE NNELLSVILLE	1.65	•11	•19		.09 1.20				·13 ·08		Ť					,	.18	. 34	.62	T		•25 •42	•13						
SHOHOCKEN OKSBURG	.58 2.26	.27	.09 T		.06	.02			+04	•01 •04	•02					T	.36	.02	*14		.77	.04	.07						
RAOPOLIS NEVILLE IS	2.20 3.79	•18	T .04		.90	0.1			Т	•05	•06 •04					•09 •13	•72 •26	.86		•02		.69		ľ					
JDERSPORT 3 NW JOERSPORT 6 E VINGTON 2 WSW	1.74	T	T T		.28	.01				•02 T T	T				Т	Ť	•70 •78	-	.60	-	~	.05			-	-	-	-	
EEKSIOE ESSON 2 SE NVILLE	2.78 2.31	.28			T				.02	.02	•02					•04	1.30 .96		.60			•33 •28	.05	+10					
VAULT 1 W	.64 1.21 2.35	•02	.06		.06	Т		T	•05	. 04 T	•02	т			т	.05 T	T •24 •38	T •14	.42 .10		T T • 35	•12 •15 •16				т		• 0 4 • 20	
HEGAL HORA (LESTOWN	1.83		.12		•04					•04				•05	'	-64	•33	*14	•23		T	.07	.25					•10	
BOIS FAA AIRPORT BOIS 7 E SHORE 2 SSW	2.25	•30	.07	T	•11 •07			•01	.06		*01 T *02			•••	Т	.01	.14 .37 1.05	•76 •02 T	.08 .79		•05	.21 .23	.04	т				. 17	
GLES MERE ST BRAOY	2.15		.09		.08	T				T	T	Т					.39	T	.34		T •04	•27	.10	T				•02	
ENSBURG PORIUM 1 N GLISM CENTER	2.04		.06 .05		T •09	т				T •12 •05	T T	T				.06	.96 .14 .23		.32		•••	•20 •44 •37	.05	T					
HRATA	.93	,	•20			.03			.06	.13						.03	.09	.10	.01		• 05	•14							
U1NUNK 2 LE W8 AIRPORT ERETT 1 SW RRELL SHARON	2.94 1.74 2.76	•09 •20 •10		• 63	T .50				.22	T					T •05	.20 .47	•13	1.08	.53	T	.36	.24 .46						.02	
RO CITY 4 S OAM	2.70	.19	Т		•03 •28	.04				T •06	T T						1.19		.78	Т		•23	.02						
EELANO LETON 1GERTOWN	2.61	•06	.07 T		•17				Ť	.01 .07	.01					•40	.01 .62	.05	.75	T •05		.45 .04	.05	Т	T				
ORGE SCHOOL TTYSBURG	1.36	•12	•04				1		T .21	•03						.01	.06 .16					•03 •28							
EN HAZEL 2 NE OAH ENHOORE ENWILLARO OASM OAM	2.95 .60 2.46	•27	•02 T	т	•38 •18	•01			т	•09	•03					.01 .05	.05 .08		1.16 .01 .72			.48 .08	.10 .06						
ULOSBORO ATERFORO	1.31		.14		•06	T			.01	•14	•03	•01				ī	.01	.02	•07			•15	.01			.01			
ATERFORO 1 E EENSBORO LOCK 7 EENVILLE	1.85 2.78	•13			•07 •61		1		•29 •13	т						•02	.05	.70	•30 •60	.04		•12 •39 •09	.04					.11	
NOVER RRISBURG W8 AP R	1.18	.05	т		т			Т		т					т	•02	-11		•26	т	.02	•28 •15						•27	
RRISBURG NORTH WLEY LLISTERVILLE	1.01		•15 •07		•07	T .05			T	•02	T •12	T •02				T T	.25 .35	.03	.04		T T	•12 •26 •24	.02			Т			
NESOALE 4 NW	1.72		•01		•10	Т				•02	•02					.02	.53		•25 T			•23	.19						
NEY BROOK 1 W P BOTTOM 2 SE NTINGOON	1.90 1.34	•14	•12 •16	•01	•07				.02 .01 T	Т					Т	T	•10 •47 •64		.58		• 02	•17							
NTSOALE NOMAN	1.40				•01			•12		T	-					T	.49		.12			•22	•01						1
Olana 3 SE RSEY SHORE HNSTOWN	2.58 1.11 3.13	•05 •39	.06		•03 •06 •06	.03			.02	T T	T	Т					.99 .21 1.22	.09	. 30			•33 •14 •53	.17	7					
NE 1 NNE RTHAUS	3.95	•23			•48 T	•02			т	•08 T	• 05					.02 T	•39		.48		T 20	•19						.33	
GG TTANNING LOCK 7	2.67		.01		•07	Т		T	.01	Т						.03	1.22		.75		•30	•19	•04					. 33	

PENNSYLVANI/ APRIL 1962

Continued	-					7. (11. 1)					APRIL 196
Station	Total	1 2 3	4 5 6	7 8 9	10 11 12	Day of Month 13 14 15	16 17 18	19 20 21	22 23 24	25 26 27	28 29 30 31
KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA LANOISVILLE 2 NW	.92 1.17 1.00 .63	1 .06 T .01	T •06 T T T	.05	**************************************		.07 .41 .32 .04 .08	.08 T .01	*07 *03 T *21 *08 *27 *05 *23 *16	Ŧ	.62 .26 .11 .22
LAWRENCEVILLE 2 S LEBANON 4 WNW LEHIGHTON LE ROY LEWIS RUN 3 SE	1.26 .60 .68 1.63 4.21	T .01 T .27	•10 T •07 •69 •05	T •03	T T T .00		•17 •02 •15 •07 •66 •61	.05 .18	.28 .03 .08 .11 T .37 .01 .54 .06	•01	.30 .23 .18
LEWISTOWN LOCK HAVEN LONG PONO 2 W LYNCH MAOERA	1.12 1.31 1.35 4.01 1.88	•13 •01 •05	T .03 .02 .40 .02	- 02	TT		.02 .31 .39 .30	• 05	•11 •02 •19 T •06 •08 •67 •02 •12 •05	T	•26 •07 •73 •05 •20
MAHAFFEY MAPLE GLEN MAPLETON OEPOT MARCUS HOOK MARION CENTER 2 SE	2.26 .53 1.43 1.23 2.74	.09 .14 .02 .01	.10 T	T •11	1	2	.02 .75 .09 .01 .57 T .06 .05 1.08	.03 .47 .15 T	*22 *03 T *13 *19 T *19 *41 *05	т	•20 •16 •17 •05 •69 •17
MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT MEAOVILLE 1 S	2 • 22 1 • 20 1 • 81 2 • 1 6 3 • 1 7	*14 *11 *16 T *05 *0	T .85 .05	T +02	3		.20 .88 .41 .04 .48 .03 .96 T .21	•15 •60	.15 .22 T .29 .12 .53 .15 .09 .02 .38 .06	т	•14 •08 •09 •26 •25 •13
MEOIX RUN MERCER 2 NNE MERCERSBURG MEYERSOALE 1 W MILANVILLE	1.55 4.90 1.39 2.11 1.51	*15 *18 *15 *30 *12	.10 T .90 .15	• 02 • 22	3		.33 .90 T .08 .03 .32 T .40	2.20	*10 *03 *25 *21 *80 *06 T *17 *10	T	.08 .35 .54 .22 .18
MILLHEIM MILLVILLE 2 SW MILROY MONTGOMERY LOCK ANO DAM MONTROSE	1.70 .94 1.84 3.18 1.64	T .14 .15 .20 .06 T	1 T .03 T .20 .09 .01 T	т т	T T T T T T T T T T T T T T T T T T T		.46 .20 .01 .46 .03 .75 T .28	.06 .17 1.30	.24 T .16 T .16 .18 .14 .02 .26 .14	Ť	.31 .15 .63 .52 .13
MORGANTOWN MT GRETNA 2 SE MYERSTOWN NATRONA LOCK 4 NESHAMINY FALLS	.87 1.11 .52 2.32 1.19	*03 *05 T ** *20 T ** *13	.02	.04	4		.02 .07 .03 .04 T .14 .03 .74	•03	.08 .07 .02 .25 .10		T .70 +11 .69 +31 +23 T .89
NEW CASTLE 1 N NEWELL NEW PARK NEWPORT NEW STANTON	2 • 75 1 • 80 1 • 66 • 99 • 42	*15 *10 *06 *11 *10	.44 T	• 03 • 16 • 12 T	0		•68 •35 •35 •18 T •35	*03	T •22 •05 •30 •05 •35 •10 T T •21 T		+50 +25 +91 +34 T
NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW PALM	2 • 0 9 • 5 0 2 • 8 2 1 • 1 2 1 • 5 5	•16 •01 •04 •11	•13 •64 T •20	•03 •0: T	•03 •03 •02		.03 .05 .05 T .13	•29 •81 •05 •30	•21 •10 •06	• 02	1.61 •20 •03 •09 •70 •58
PALMERTON PARKER PAUPACK 2 WNW PHIL OREXEL INST OF TEC PHILAGELPHIA W8 AP R	2 • 1 9 2 • 1 8 • 9 4 1 • 0 1 1 • 1 3	.13 .03 .01 .02 .01 .06	T .11 T .07 T	-10 -10	T .08		•07 T T •76 •29 •01 •04 T •03	.04	*12 *06 *02 T *26 *07 T *17 T *15		•19 1•51 •35 •10 T •66 •03 •72
PHILADELPHIA PT BREEZE PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 //R	.83 1.35 .53 1.20 2.39	*36 T .04 *12 *07 T .10		00° T 00° 00° 00° 00° 00° 00° 00° 00° 00	3 .04 T		T T .31	.10 .10 .67 .18	**************************************		•67 •32 •05 •35 •40 •42 •03
PITTSBURGH W8 CITY R PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUTNEYVILLE 2 SE OAM	2.09 1.75 1.49 2.28	.32 .10 .03 .13	1 •11 •09 T	.03			T .46 .25 .30 .18 .13 .67	.01 .36 .07 .01 .01 .78	•01 •07 •08 •30 •15 •10 •20 •09 •17 •06		.37 .01 .22 1.37 .83
QUAKERTOWN 1 E RAYMONO REAOING WB CITY R RENOVO REW	1.98 1.10 1.58 4.95	.03 .03 .01 .15 .12 .28 .03	.01 .01 .73 .05	.0:	.10 .80		.07 .02 .02 .10	.05 .98 T T .20 .75 .13 1.37	.02 .63 .06 T .08 .19 .02		•56 •08 •12 •71 •11 •10
RICES LANDING L 6 RIOGWAY RUSHVILLE RUSSELL SAGAMORE 1 S	1.82 2.36 1.27 4.21 3.46	.24 T T .08 .21 .04 .12 .10	.07 .28 T .05 .03 1.03 .08	T T	*05 *03 *11 *05 *14		7 •35 7 •12 •02 •21 •91 •10 1•45	.08 1.08 .01 .02 .22 .07 1.08 .94	.02 .25 .05 .56 .09 .44 .08	т	•16 •16 •08 •15
SALINA 3 W SAXTON SCHENLEY LOCK 5 SCRANTON SCRANTON WB AIRPORT	2 • 2 3 1 • 8 8 2 • 6 7 1 • 1 0 1 • 3 0	.26 .06 .16 .08 T .01	.05 T .06 .12 .02	T +0:	1 T T T T T T T T T T T T T T T T T T T		.36 .54 .03 .82 .04 1.07 .40 .25 .31	.10 .75 .01 .11 .02 .06 T	•22 •05 •35 T •25 •12 •24 •04 •15 T	т	-19 -20 -26 -22 -06 7 -46
SHAMOKIN SHIPPENSBURG SINNEMAHONING SIZERVILLE SLIPPERY ROCK	1.84 1.54 2.47 2.69	.28 T .19 .05 .13 .02	.01 T	•0: T	*02 T T *06		.30 .32 T .16 .15	.16 .50 .17 .83 T	1 .35 .19 .02 .65 .06 .04	т	T •52 •20 •26 •40
SOMERSET FAIRVIEW ST SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STOYSTOWN STRAUSSTOWN	2.22 1.57 .91 1.40 2.11	•15 •13 •08 •15 •17 •24 •10	.07 T T .03 .01	.2 .2 .1 T	7 7 T T		*02 *65 *07 *25 T *19 *01 *43 *10 *71	.10 .06 .10	.49 .15 .20 .23 T .07 .02 .38 .15		.30 .24 .39 .17
STROUSSUMN STROUGSBURG STUMP CREEK SUNBURY SUSGUEHANNA TAMAQUA	1.35 1.66 .86 2.05	T .04 .0.	1 T T +02 T +08 T		1 T T •12 •04 T		.05 .20 T .08 .50 .29 T .49	.05 T T .03 .67 T .12 .02 .34	.09 T .12 .02 .25 .02 .07 .16 .12		1.12 T .11 .17
TAMAQUA 4 N OAM TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TOBYHANNA TORPEOO 4 W	1.10 2.16 3.25 1.46	.18 .01 .16 .3	.29 .01 1 .56	т	.02 .01 .02 .02 .08 T		•10 •11 •04 •12 •05 •07 •44	.06 1.03 T	19 .05 T .16 .03	т	.69 .34 .05 .18 .67
TOWAROA 1 ESE TOWER CITY 2 E TROY TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT	3.48 .94 1.16 1.36 2.13	.05 .02 .01 T .30 .18	.94 .02 .05 T T .04	+0	.03 .02 T .07 .01 .02 .0 4 .05	3	.01 .22 .02 .25 .02 .34 .02 .67	.04 .17 .02 .05 .40 .04 .12	T .34 .01 .18 .02 .39 .14 T		.57 .06 .57
UNIONTOWN VANDERGRIFT VIRGINVILLE WARREN WATSONTOWN	3.03 1.20 2.22 .72 3.34	•17 •16 •07 •24 •02	.07 .06	T +0.			.23 .12 .08 .80 .14	•29	.01 .16 .26 .13 .10 .02 .43 .07		.03 .03 .18 .41 .09
WAYNESBURG 1 E WELLSBORO 3 S	1.19	•03 •01	•07 T	i			16 T .25	•20	.15 T T .31 T	т	•27 •05

Continued								,	D.P.	717	1	Pr	(E	CH	-1	IA	11	OI	V												NN5 YL APRIL	
Station	[a]													Da	y of	Month																
Station	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WEST CMESTER WEST GROVE 1 SE WEST WICKORY WHITESOURG WILKES GARRE WILLIAMSOURG WILLIAMSORT WE AP WOLFSOURG YORK 3 SSW PUMP STA	.82 1.17 2.83 3.09 .96 1.61 1.34 1.45	.20 .17	.07 .05 .10 .12 .01 .04		.50 .03 T	T				-05 -15 T -08 -02 -15 -16	**************************************	7 T T	Т				т	*01 *02 T	.12 .12 1.30 .27 .53 .07	*10 T T *36	1.05 1.08 .24 .11 .18 T		.04 T	•28 •36 •30 •15	T T	T	Ţ			• 0 3 T	.35 .55 .35 .19 .17 .39 .31 .21	
YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	.79 .78 1.00		.07 .22		-01					•05	-O4							•02	•26 •16 •02		.04			•21 •19 •05							.16 .19 .69	

																	04.14	-		-				_	_	-					APRI	1963
Station		1	2	3	. 4		. 6	7			10	11	10	10	14		Of M	_	10	10	-	01	00	00		ar.						erage
ALLENTOWN W8 AP	MAX	48	76	82	62		60	66	- 60	55	47		65	13	62	15	16	61	81	19 79	76	70	59	23	55	25 60	26 62	65	70	67	30 31	63.2
ALLENTOWN GAS CO	MAX	64	45 49 45	78		62	28 53 30	60 34	27 67 29	39 60 40	34 56 34	37 48 36	36 53 41	35 64 35	38 65 35	31 61 32	34 60 34	50 66 47	50 62 51	81 48	52 81 52	75 43	40 71 42	37 59 38	39 50 40	31 53 35	33 59 36	31 61 33	37 65 36	33 70 35	48 68	63.5
ALTOONA HORSESHOE CURVE	MAX M1N	59	83	80	76	51	68	63	60	54 35	45	50 36	55 30	56 34	60	59 30	65	62	73 50	85 45	79 55	79 38	73 35	51 35	45 32	53	60	64	67	63	72	63.7
ARENOTSVILLE	MAX	65	49	85		63	54 27	62	68	62	55 32	46	55 39	60	61	63	61	66 48	63	82	81 57	74 41	76	63	61	53	59	64	67	68	62	35.9
AUSTINBURG 2 W	MAX	59	54 41	80		44	45 21	60	51 22	51 30	48	40 27	49	57	58 28	55 27	55	66	69	66 32	72	57 37	70 28	50 31	38 41 32	32 45 30	36 54 28	36 78 30	36 79 28	34 68 26	43 65 45	39.4 58.9
BAKERSTOWN 3 WNW	MAX MIN	70 46	83 52	79	72 39	52 26	63	59	55 34	52 39	41 25	51 32	52 34	54	55 34	55	66	76 54	71 57	81	68	75 37	67 38	52 36	49	59 27	61	64	70	68	67 46	32.3 62.9 38.9
BEAR CREEK OAM	MAX	59 33	48 40	75 44	77 44	52 23	45 18	56 25	57 20	53 30	51 27	39 28	45 32	55	57 26	55 24	54	61	61 45	72 34	76 42	67	65 33	52 32	39	47	53 25	51 25	60	63	62	56.9
BELLEFONTE 4 S	MAX	63 41	49 41	82 46	79 51	53 27	53 23	60	63 25	58 36	53 29	42 30	55 35	61 35	61 33	62 30	61 27	64	62 52	75 43	78 46	67 43	74 36	58 36	52 34	<b>46</b> 34	68 34	63 33	66 34	68	61 45	61.9
8ERWICK	MAX	50 41	76 44	80 49	67 44	54 32	60 22	58	57 22	55 35	45 22	51 20	64 32	63 29	60 26	60 27	65 25	63 49	79 46	81	71 51	70 33	57 38	47 33	51 29	59 33	62	66	70	68	67 47	62.5
8ETHLEHEM LEHIGH UNIV	MAX	50 42	82 48	89 44	64	52 30	61 32	70 37	63 32	60 41	47 34	53 38	67 41	68	64	65 39	72 41	63 52	85 54	85 54	78 58	73 48	62	49 39	56 40	62 38	63 38	68	74	72 40	64	66.0 41.9
8LAIRSVILLE 6 ENE	MAX	57 43	81 56	78 60	68	50 24	65 32	5 8 3 9	55 3I	56 36	37 23	46 30	50 27	54 33	56 28	55 25	65	67 50	72 54	83 55	63 49	76 43	63 35	48 32	42 31	54 29	56 35	60 37	64 42	58 43	66 39	60·1 37·5
8LOSERVILLE 1 N	MAX	62 39	55 39	85 50	83 51	58 32	56 29	61 40	67 30	60 38	56 32	46 33	58 36	62 43	63 41	63 37	62	65 45	63 49	81 52	80 56	72 44	76 44	61 38	54 36	53 32	60 33	64 39	62 40	<b>63</b> 39	60 43	63.7
8RAOFORO FAA AIRPORT	MAX	53 42	76 43	75 56	57	42 20	56 22	48	49 18	48	31 20	45 29	47 28	52 27	50 26	50 26	60	62 49	62 38	70 38	57 39	68 38	50 27	36 31	38 27	49	51 31	57 29	65 29	63 43	62	54.3 31.1
8RAOFORO 4 W RES	MAX	60	78 35	77 42	73 24	44	58 17	58 26	50 17	48	37 22	47 28	50 25	54	51	51	62	66 43	61	72 34	71 45	70 31	62	51 31	39	51	55	59	64	66	64	58.3
BURGETTSTOWN 2 W	MAX MIN	65 45	73 44	82 46	80 47	48 23	53 21	65 25	59 22	54 26	54	45 25	50 20	51 23	54 21	56 18	57	65	74 50	74 48	79 52	66 33	78 38	51	51 36	48	58	61	64	71	64	61.7
BURNT CABINS 2 NE	MAX	70 41	84	84 53	83	54 30	62 21	67	65 23	64 37	55 31	56 35	59 33	60	62 30		67 24	66 47	80 48	80 46	82 53	75 38	78 44	60 38	49	58 26	63 27	66 31	67 31	68 40	70 41	67.4 36.0
BUTLER	MAX	67 41	69 4 <b>6</b>	83 48	79 44	45 27	51 21		64 22	55 34	53 29	40 30	50 31	53 35		56 27	57 21	64 36	71 56	70 48	79 56		76 35	54 40	47 36	42	57 27	62		71 31	65 43	60.8
CANTON 1 NW	MAX MIN	55 38	44	79 38	78 48	49	45 24	58 32	49 27	50 32	48	39 22	47	57	56 34	55 32	52 32	61	62 48	69 41	56 46	65 40	65 31	49	41	44	52	52 35	58 32	60	60	55.2
CARLISLE	MAX MIN	55	86 41	85 54	74	58 32	64 25	69	63 27	59 39	50 33	59 37	66 39	65 39	66 39	64	69	60 48	83 48	82 49	76 58	79 43	73 46	61	56 36	63	66 31	70 36	70 35	64	74 46	67.6 38.9
CHAM8ERS8URG 1 ESE	MAX M1N	54 41	84 41	83 54	73	56 34	6 I 25	67	61 26	54 40	45	56 38	60 35	62	63 31	61	65 28	56 47	81 46	82 48	75 56	77 41	67 47	59 39	51 37	59 28	65	68	68	59 37	72 47	64.8
CLARION 3 SW	MAX	63	82 43	80 42	74 29	51 24	62	58	56 22	52 37	38 26	50 32	54 26	55 30	57 23	57 22	63 21	73 46	68 53	76 40	61 49	75 34	62 28	48 36	45 32	57 24	60	66 31	70 29	67 37	64 42	61.5
CLAYSVILLE 3 W	MAX	73 49	82 45	80 45	74 37	55 23	65 20	66 26	53 22	54 38	44	51 25	53	55 25	56 23	58 18	65 19	76 52	76 56	80 48	70 53	78 33	68	56 39	48	59 25	63 26	65 27	70 27	69	64	64.2
CLERMONT 4 NW	MAX	50 34	78 42	76 50	72 28	44	54 16	48	50 14	46 30	35 22	44	45	48	50 16	52 14	54 12	62 44	62 50	68	60 50	58 36	54	48 20	42 26	52	52	54	56 24	56 26	64	54.5
COATESVILLE 1 SW	MAX	64	50 43	82 50	87 45	68 33	53 28	62 33	68 34	60	52 34	48 35	54 39	64 41	64 35	63 33	62	67	61 47	82 45	77 56	77	74 45	59 39	56 38	54 35	60 32	64	66 36	70 36	69 41	64.6 38.6
CONFLUENCE 1 SW DAM	MAX	68 41	63 46	80 43	79 43	51 30	51 22	65 27	60 24	54 30	53 25	54 26	48 27	52	51 25	56 24	54 22	66 28	71 51	77 46	82 53	68 35	78 42	51 43	57 33	44 26	55 27	59 29	62 30	67 33	56 44	61.1
CONNEAUTVILLE	MAX	66 47	72 50	88 53	78 35	40 20	50 25	64 29	51 23	53 36	44	41 30	48 21	51 28	53 22	54 19	54 25	67 47	72 42	61 39	77 48	57 37	72 26	48 36	43	45 24	56 28	60 32	62 29	71 36	72 49	59.0 33.2
CORRY	MAX M1N	61	80 48	77 59	65 26	49 21	61 23	54 31	51 24	47 36	36 24	48 31	53 27	55 29	54 24	52 22	63 24	68 48	66 42	74 38	60 47	71 35	54 27	48 33	44	54 23	58 26	61 29	68 30	66 40	61 42	58.6 32.8
COUOERSPORT 3 NW	MAX M1N	46 32	80 35	79 45	69	44 19	59	49 26	50 14	48 31	33	44	54 27	55 22	52 19	51 18	62 15	63 45	66 41	70 29	68 45	70 30	58 26	44 31	42	51 19	52 21	57 21	64	62 27	65 42	56.9 27.4
OEVAULT 1 W	MAX	50 38	81 44	85 42	67 35	52 29	59 29	67 38	58 30	52 36	53 30	40 35	64 36	64 37	62 38	61 35	65 35	59 44	81 50	78 49	78 41	68 43	63	54 38	54 37	59 33	63 36	65 38	68 39	66 36	65 45	63.4 37.9
OIXON	MAX MIN	63 33	50 43	80 43	80 47	62 26	48	61	57 20	55 20	57 30	43 30	51 32	61 26	60 27	56 25	57 22	66 22	67 50	73 35	78 37	69 35	68 35	57 33	43	50 28	57 27	57 27	63 26	67 27	68 36	60.8
OONEGAL	MAX	66 45	80 43	80 48	72 34	51 28	67 21	59 29	53 24	53 30	37 24	45 34	49	51 29	55 24	50 28	63 21	71 50	70 48	78 45	68 46	77 34	56 39	58 34	45	50 25	58 25	43	70 35	58 45	49 31	59.4 33.6
OONORA	MAX	75 50	85 55	82 51	79 38	58 28	67 27	67 37	63 30	60 40	49	56 39	57	58 30	63	63 28	66 28	72 54	79 58	83 52	80 53	81	77 42	56 38	51 35	61	65 32	68 36	73 34	70 50	67 47	67.7 38.8
OU BOIS FAA AIRPORT	MAX	<b>57</b> 43	78 45	76 57	65 29	48 22	59 25	56 35	52 27	48	34 23	48 31	51 -	54 33	55 32	55 28	62 28	66 49	68 50	75 46	58 44	70 39	52 30	45 31	41	53 28	56 34	63 37	67 37	61 44	61 29	57.8 34.9
OU 8015 7 E	MAX MIN	57 42	80 40	78 47	74 30	47 22	60	59 27		51 35	43	48	52 30	55 2 <b>7</b>	54	54 21	61	63 47	69 53	77 38	75 52	72 35	70 28	52 35	43	53 23	55 23	61	65 27	64 41	65 44	60·3 32·0
EAGLES MERE	MAX	55 35	42 34	73 34	75 47	50 20	45 23	55 32	54 24	52 30	54 23	39 24	46	57 30	51 30	54 28	54 31	61 39	60 39	72 42	72 42	65 37	63 29	50 30	39	45 27	53 31	52 33	58 36	61 39	61 40	55.6 32.3
EAST BRAOY	MAX MIN	70 46	85 47	83 45	78 35	53 28	66 22		57	55 40	46 28	52 35	56 30	56 38	59	60 25	65 22	73 49	76 54	80 45	78 55	77 37	71 32	50 39	47 34	59 25	62 27	67	74 31	73 38	65 48	65.3 35.6
E8ENS8URG	MAX MIN	54 42	80 50	74 57	6 B 32	48	61 21	60 30	56 23	53 34	38 24	47 30	50 30	53 31	56	55 29	62 43	65 46	70 52	78 42	71 50	74 36	66 33	46 33	41	52 28	55 27	60 33	65 33	60 45	67 43	59.5 35.4
EMPORIUM 1 N	MAX	61 34	50 33	79 42	79 44	50 20	46 18	59 25	53 18	53 28	50 24	36 25	48	53 24	58	55 21	54 19	62 31	61	70 37	71 44	60 31	70 27	51 32	43	43 22	55 24	57 26	60	66 30	63 42	57.2 29.2
ENGLISH CENTER	MAX MIN	64 35	47 39	84 38	83 46	54 26	51 19	63 20		59 19	57 29	42 29	50 26	62		59 23	58	6 <b>7</b> 22	65 47	76 36	78 40	67	70 30	56 30	46 34	49	57 24	58 25	68 26	65 27	66 27	61.3

### DAILY TEMPERATURES

PENNSYLVANIA APRIL 1963

Continued																Day	Of M	onth												7		9190
EPHRATA	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19 78	20	75	62	23	24	25	28 65	67	28	69	30 31	66.2
	MAX		80	84 55	67 38	30	63	72 36	29	36	65 31	56 36	37	70 38	65 38	35	36	71	50	49	58	72	42	37	36	32	36	38	38	39	48 63	39.4
ERIE W8 AIRPORT	MAX	41	76	79 56	59 29	25	34	53 31	28	29	29	34	34	50 35	30	28	36	54	40	45	47	40	35	36	35	32	36	36	36	50	30	37.0
EVERETT 1 SW	MAX	71 42	38	85 40	83 54	30	57	29	27	32	29	27	55 32	40	37	63 32	58 24	67 29 83	69 52 73	74 50	54	68 39 80	78	62 38	45 38 49	31	60 27 63	66 34 68	32 81	32 76	36	36.0
FARRELL SHARON	MAX		85 56	78 60	70	29	32	40	56 34	39	31	50 36	32	57 36	56 34	32	32	56	51	58	65 55	48	37	48 39	38	30	34	38	40	52	62	40 - 8
FORO CITY 4 S OAM	MAX	67 46	69 47	83 47	79 47	48 27	52 23	28	23	30	28	41 27	52 29	36	55 26	58 24	58	63	74 55	71 46	79 55	65 36	77 34	55 40	51 34	26	57	33	65 31	70 36	65	61.6
FRANKLIN	MAX	67 40	83 48	79 47	71 31	51 26	63 21	60 28	54 19	50 25	27	32	54 24	33	56 27	56 24	63	76 51	73 53	75 33	51	74 36	30	49 31	31	56 24	31	32	33	39	62	61.5
FREELANO	MAX	69 41	68 41	43	58 34	30	45 22	59 41	53 27	50 36	48 24	45 30	58 31	59 34	56 31	61 28	57	73 46	71 56	60 48	63 32	32	31	53 29	28	32	62 36	36	30	50 36		57.3
GEORGE SCHOOL	MIN	37	51 40	77 51	85 41	66 31	52 24	61 31	65 30	52 38	51 33	48 37	55 38	65 34	65 30	62 29	31	63 45	50	40	79 50	76 38	70	59 41	51	51 32	35	30	36	30	6 2 4 5	63.0
GETTYSBURG	MAX	40	55 42	85 54	59	61 35	55 29	62 37	70 31	62 41	33	46 35	56 39	61	63 41	63 38	32	65 48	64 48	81 52	82 60	75 45	76 50	63 40	59 38	52 35	60 37	65 38	38	68 41	60 47	41.5
GRATERFORO 1 E	MAX	63 38	50 41	78 47	84	65 31	51 26	59 29	61 27	58 27	33	47 33	54 39	65 36	64 33	62 29	60 34	65 37	60 48	80	80 48	76 42	71	59 39	50 40	58 34	58 35	62 30	65 35	67 33	67 34	63.0
GREENVILLE	MAX	68 47	83 51	77 52	74 30	54 26	64 25	57 31	55 25	50 38	27	51 34	53 26	55 29	55 32	54 25	63	79 46	74 46	75 45	62 52	75 40	29	46 38	47 34	58	62 29	67 32	71 31	67 45	61 42	61.6 35.2
HANOVER	MAX	68 42	50 42	84 49	85 59	65 32	57 29	63 35	70 32	63 36	55 34	48 34	58 35	64 36	65 36	63 34	64 33	66 37	59 49	83 52	83 59	77 49	77 50	64 40	59 36	55 32	62 34	66 38	70 38	69 42	65 43	65.9 39.9
HARRISBURG W8 AP	MAX	53 46	87 46	86 54	64 43	56 38	63 29	69 38	61 32	56 42	49 38	57 42	64 42	64 42	65 42	64 37	68 32	60 50	84 50	83 50	76 58	79 43	69 48	56 42	57 40	62 37	66 35	68 42	69 36	68 42	73 49	66 • 5 42 • 2
HAWLEY	MAX	63 30	52 32	79 44	78 42	54 26	47 22	58 27	61 21	56 27	54 31	39 31	48 29	60 27	63 26	58 24	58 23	66 33	63 42	74 33	74 40	69 35	68 34	55 32	44 33	49 30	53 26	57 28	62 28	66 28	66 29	59•8 30•4
HOLTWOOD	MAX	49 45	78 46	82 49	62 43	54 30	60 30	63 41	60 30	53 43	46 36	54 43	60 43	60 43	62 39	59 36	66 37	59 50	80 50	75 50	75 53	71 46	65 48	57 40	53 41	58 37	61 39	63 41	67 40	64 42	67 51	62 • 8 42 • 1
HUNT I NGO ON	MAX	68 41	66 40	85 40	83 51	56 32	52 23	68 23	67 24	63 25	57 32	45 32	57 32	62 36	64 33	65 35	62 26	70 26	60 49	79 45	83 49	72 39	80 41	63 40	54 37	50 27	61 28	65 29	70 31	71 37	64 38	65 • 4 34 • 7
INOIANA 3 SE	MAX	66 46	82 44	80 42	71 35	51 24	63 21	61 27	56 21	56 40	42 27	51 35	53 28	55 36	59 25	58 22	63 20	72 48	72 53	82 43	70 50	77 34	68 34	53 36	43 34	56 25	60 25	64 31	70 29	62 39	67 44	62.8 33.9
JOHNSTOWN	MAX MIN	62 47	71 48	78 49	81 50	54 31	50 26	63 33	59 30	57 42	54 29	40 30	49 36	52 41	53 34	56 31	56 29	64 48	69 52	73 51	79 57	65 42	62 46	56 42	53 36	47 31	58 32	62 37	52 35	70 39	64 47	60.3 39.4
KANE 1 NNE	MAX	62 37	56 38	79 40	78 41	42 22	46 18	59 24	52 17	50 31	49 24	35 27	48 25	51 23	54 20	52 18	52 18	62 32	62 50	66 33	72 47	58 29	71 26	53 34	43 30	43	53 23	55 25	61 24	67 29	66 43	56.6 28.9
KEGG	MAX	60 45	82 42	81 58	72 38	53 29	65 25	64 30	59 28	56 35	48 29	52 36	59 34	55 35	59 32	59 30	67 26	64 46	78 50	88 47	72 36	82 39	61 41	60 38	47 32	56 28	61 32	56 34	68 32	61 33	70 35	63.8 35.8
LANCASTER 2 NE PUMP STA	MAX MIN	62 42	83 44	87 49	81 45	55 32	64 25	70 33	61 26	58 39	52 33	57 38	65 39	64 36	66 33	62 27	67 28	66 47	83 46	80 43	79 57	74 40	69 44	59 38	57 38	62 35	65 30	68 35	71 32	66 33	69 49	67.4 37.9
LANOISVILLE 2 NW	MAX MIN	61 43	49 44	82 47	83 48	64 32	53 22	60 32	67 24	58 39	58 34	47 35	54 33	62 36	62 35	63 29	59 26	64 45	65 47	80 42	77 57	73 39	72 44	57 40	55 37	53 31	59 29	62 33	61 30	68 32	64 44	63·1 37·0
LAWRENCEVILLE 2 S	MAX MIN	52 32	83 43	83 44	77 33	46 25	62 19	56 30	52 18	50 30	39 30	49 32	58 28	59 23	55 23	55 23	65 20	67 54	69 38	74 35	74 53	69 30	68 30	46 35	45 35	54 24	54 29	60 25	64 25	66 25	69 52	60+7 31+4
LEBANON 4 WNW	MAX MIN	62 42	47 41	82 45	82 44	61 30	54 31	59 38	67 34	58 36	55 32	42 33	56 36	63 37	63 39	64 36	62 39	65 46	58 47	80 50	78 51	74 45	72 41	60 38	52 37	55 37	60 39	64 43	66 37	67 40	64 40	63.1 39.5
LEWISTOWN	MAX MIN	65 39	47 39	86 41	84 50	58 32	57 26	64 26	66 28	64 27	57 34	48 27	58 37	54 37	64 33	65 31	63 29	69 29	60 50	79 46	84 51	72 42	78 39	64 40	54 38	53 32	66 30	68 31	68 33	72 33	64 39	65.0 35.6
LOCK HAVEN	MAX MIN	63 42	51 42	85 47	83 53	53 28	54 22	63	63 23	60 36	56 30	43 31	55 29	64 29	65 29	62 28	62 26	68 38	63 49	78 43	80 46	68 37	75 36	60 36	50 34	50 25	61 29	62 32	70 30	71 31	68 39	63.5 34.1
MADERA	MAX MIN	65 40	55 40	80 39	78 42	49	49	61 18	42 18	55 19	54 25	38 24	50 29	55 27	56 24	57 22	42 19	64 20	66 <b>4</b> 7	72 40	82 45	65 32	74 30	56 32	50 29	45 20	55 23	60 25	64 26	66 26	63 42	58.9 28.8
MARCUS HOOK	MAX MIN	52 42	73 47	87 46	70 41	54 36	59 36	63 43	60 39	49 42	49 37	56 41	65 42	65 45	63 45	61 42	65 42	60 48	83 50	74 54	79 60	70 50	64 48	57 42	56 40	61 40	65 44	66 46	68 47	65 44	67 51	64+2 44+3
MARION CENTER 2 SE	MAX MIN	61 43	80 48	78 52	71 30	50 23	61 26	60 33	55 24	55 36	37 23	50 31	54 27	53 30	59 28	58 23	63	68 46	70 53	80 46	63 51	74 38	67 31	49 35	44	54 24	59 29	63 33	67 39	62 45	64 42	61.0
MARTINSBURG FAA AP	MAX	54 44	84 43	81 61	74 36	52 29	62 26	63	61 28	53 39	41 28	52 36	56 33	57 38	60 37	59 32	64 31	65 49	76 53	83 51	71 51	78 44	58 40	56 36	46 35	55 32	60 34	64 37	67 35	59 44	68 36	62+6
MEAOVILLE 1 S	MAX MIN	66 43	67 48	82 50	76 38	39 24	50	62	50 26	52 35	45 28	40 30	47 26	52 31	54 30	55 23	54 26	62 41	75 47	61 43	73 52	60 37	74 29	50 36	44	46 26	56 29	60 33	63 30	70 41	66 41	58+4 34+6
MERCER 2 NNE	MAX MIN	68	82 48	78 30	72 29	49	63	60 30	59 22	50 37	40 25	49	52 22	54 26	56 25	55 21	62	75 38	74 48	74 36	74 37	73 27	60 29	45 32	47	56 22	60 25	64 30	68	65 47	60 40	61.5
MERCERS8URG	MAX MIN	70 41	53 41	85 46	84 55	60 33	51 26	63	69 27	65 40	55 31	47 33	55 35	60 38	60 38	64 32	63	68 48	63 46	83 51	84 57	75 42	79 47	64 40	62 38	52 29	60 33	65 36	70 34	70 35	59 41	65+3 38+5
MILLVILLE 2 SW	MAX MIN	62 36	46 40	79 42	78 52	55 26	50 24	59	60 25	57 32	53	43	51 32	61	62	59 31	58 27	64 34	60 46	77 41	78 42	68 37	69 35	55 34	45 36	49	57 33	59 30	63 32	67 33	64 35	60+3 34+0
MONTGOMERY LOCK AND DAM	MAX MIN	71	83	80	77 36	54 29	65	63	57 28	54 41	45	52 37		56 29	59	58	66	76 48	75 55	80 51	66 54	78 39	72 39	54 40	48	59 28	63 30	66 35	71 34	70 44	67 46	64.6 37.2
MONTROSE	MAX	58 33	46 40	76 41	75 47	50 22	41 22	56 25	50 23	48	49	34	43	53	54 28	50	50 28	60	64	66	71 41	62	65 28	46 28	39	45 28	50 29	52 28	57 33	61 36	63 37	54.5 31.1
MORGANTOWN	MAX	49 41	76 45	84	65	65 36	65 27	65	58 27	51 37	51	53	64	64	61 35	60	64	64	79 50	76 47	74 57	72	69	61	52 38	58 31	61	64	68	68 38	68	64.3
MT GRETNA 2 SE	MAX	68	83 44	84	64	54 31	61 26	67	60 25	55 38	47 32	55 38	62 37	63	64	60	66	57 48	81 47	78 48	80 44	73 42	67	67 38	55	59 33	62 32	67 37	68	65 33	66 48	65.3
NEW CASTLE 1 N	MAX	70	83	82	78	53	64	62	56	51	46	50	53	55	58	36 57	65	78 53	77 51	78 49	77 53	76 38	74	48	49	59 25	63	66	70	69	63 43	64.3
	MIN	49	49	47	33	24	23	29	25	34	27	35	25	26	26	22		25	71	1,9	,,	50	72	50	,			-	20	-	,,,	

#### DAILY TEMPERATURES

Continued		_							ע	A	LL 1	. 1	EN	1PI	LK.	AI	UH	E	>														1963
Station							_	-		_						Day	Of M	lonth						_		,							erage
NEWELL	MAX	1 68	80	85	83	5	55	7	8	57	10		12	13	56	15	16	69	75	19	20	77	22	23	24	25	26	27	28	29		31	Ä
NEWPORT	MIN	50						31	29	43		37	28	29	28			52	58	80 51 81	85 54 83	38	81 45 76	57 47 65	57 36 52	53 29 54	30	34	68 33	76 45	68 51		65.5 38.4
NEW STANTON	MIN	64	41 82	43 85		32 55	24 58	65	25 62	30 57	34	34	41	34	38	30		34	76	45	70	42 78	43 57	40	38	36	65 30 63	36	32	74 33 64	64 37 60		66.2 36.6 63.0
NORRISTOWN	MIN	53	48 81	45 86	69	25 57	28 63	32 68	32 61	34 52	40		29	32	27	63	67	38	49	49 82	42 78	35 73	63	33	33	26	33	36 66	36	38	30 67		34.8
PALMERTON	MIN	42	77	45 83	60	33 50	31 60	38	34 58	41 54	33	36	40 62	63	38 59	35 59	35 66	49 61	52 79	48 78	54 74	70	43 57	41	41 52	36	38	38	69	39 67	50		40.7
PHIL OREXEL INST OF TEC	MIN	39 52	77	46 89	36 71	29 53	25 59	32 67	28 60	35 51	33 51	55	39 67	32 67	30 66	28	67	51 62	52 82	80	54 80	40 71	39 61	37 54	40 55	34 61	31 65	27 67	70	37 65	48		36.8
PHILAGELPHIA W8 AP	MAX	52	50 77	87	70	35 53	38 60	67	37 59	48	50	56	65	65	66	42 62	64	50 62	51 81	55 80	63 79	52 71	60	54	42 56	36 60	46 63	65	45 67	66	50 67		64.4
PHILAGELPHIA PT 8REEZE	MIM XAM NIM	53	47 77 50	87	68	34 54	60	68	60	50	36	55	36 65	39	36 64	34 62	68	49 63	50 81	81	54 78	41 72	46 66	43 55	42 54	35 60	42 64	41 66	70	36 68	50 67		40.5
PHILIPSBURG FAA AP	XAM	49	78 39	76 59	68	38 48	58	59	55	50	34	50	54	54	47 57	46 55	60	51 57	54 69	58 75	64	70	55	46	45	52	51 59	48 62	64	45 56	54 65		47.7 58.0
PHOENIXVILLE 1 E	MAX	62	79 46	85 48	80 42	23 64 32	18 72 22	68	61	28 58	52	57	30 69	70	29 64	62	65	65	38	80	45 77	35 75	32 69	32 59	29 54	60	63	28 66	68	80	31 64	}	31.4 67.6
PITTS8URGH W8 AP 2	MAX	71 49	82 55	79 53	57 35	52 27	63	32 60 35	25 53 27	38 55 29	43	52	50	55	28 57	26 57	63	74	72	78	57	76	50	50	40	32 56	33	63	32 67	32 60	45 64		36.7
PITTS8URGH W8 CITY	MAX	73 51	84 59	81 58	60	54 34	65	60	57 35	55 35	25 44 29	34 52 37	29 53 35	30 55 37	32 57	59	64	<b>5</b> 2	74	81	68	79	39	34	34	59	31 62	36 65	70	63	31 65		36.8
PLEASANT MOUNT 1 W	MAX	55 28	48	72 42	72	51	38	54 27	52 19	48	50 25	34	42 32	53	38 55	35 49	50	60	60	66	56 71	63	64	47	37	34	37 48	51	55	61	35 66		53.9
PORT CLINTON	MAX	65	51	80	84	61	54 18	61 26	68	60	57	48 32	54 31	65 28	36 65 27	62 26	61 23	33 67	45 58 45	81 35	79	75	70	30 59	48	55	61	62	65	70	65		63.7
PUTNEYVILLE 2 SE DAM	MAX	67	67	82	80	47	00	62	59	55 32	53	39 28	50	55	54 26	58 25	56	63 38	70 54	70	49 77 53	38	39 75 31	33 51 39	48	45	56	60	64	68	65		60.3
OUAKERTOWN 1 E	MAX	60	80	83	69	52	59 24	65	60	59 34	53	52 36	64	65	64	61	66	65	80	79 38	77 51	36 73 35	68	56 38	32 53 40	59 34	26 62 30	32 64 26	30 69 31	38 68	66		65.0
READING W8 CITY	MAX	51 45	83 48	86 47	64	54	61	68	60	56	47 35	54 40	65	66	63	27 63 40	67	60	82 53	81	75 57	73 48	65	52	53	61 38	64	67	70	28 68 43	48 67		35.7
RENOVO	MAX	64	51 39	85 39	85 39	<b>5</b> 5	54 21	65	64	62	60	42	53	65 27	64	64	64	71 24	65	80	81 41	69	76 33	60	48	50	61	62	68	71	50 68		64.2
RIOGWAY	XAM	64 36	57 42	80	79	50	49	60	55 18	54	50	38 27	28	27	26	20	19	29	55	39	76 49	59	71 27	56 36	46	41 21	54 23	58	62 27	28 68 33	31 66 38		29.6 58.8 30.1
SALINA 3 W	MAX MIN	68 46	81 39	78 35	74 39	50 18	62	60	55	55	43	50 33	52	54	56	57 23	62	71 49	72 30	79 43	76 42	77	70	53 31	47	56	62	64	69 30	68	65 47		62.9
SCRANTON	MAX MIN	68 41	55 43	78 45	80 53	5 8 2 6	47 24	60 30	59 28	55	57	41	49	60	61	56 35	57 30	66 31	68	74	79	72 43	71 35	54 33	43	64	56 32	57 32	62	69	69		61.5
SCRANTON WB AIRPORT	MAX MIN	53 43	77 43	80 59	62	48 27	59 27	60 37	54 26	54 35	41	48 36	61 38	61	58 37	58 33	63	66 50	74 46	77 42	70 51	70 45	52 36	45 33	50 37	55 33	57	62	65	67	66 46		60.4
SHIPPENSBURG	MAX	63 40	84 41	83 61	80	56 33	62 26	68 38	62 28	60 39	54 32	55 36	60 35	62 37	64 35	62 32	65 28	62 48	81 46	81 48	82 60	75 45	75 45	60 38	5 2 3 8	60 32	63 32	67 33	69 34	63	72 48		66.7
SLIPPERY ROCK	MAX	67 42	82 59	88 61	74 31	50 26	63 31	58 38	53 21	50 38	40 26	50 33	53 29	52 32	56 32	57 29	63	75 51	70 51	75 49	62 51	75 42	60 35	45 36	46 33	57 29	60 31	65 38	70 39	66 48	63		61.5
STATE COLLEGE	MAX	60 42	48 42	81 44	79 51	51 26	52 28	62	62 30	58 33	53 28	40 28	53 35	58 35	59 36	59 33	59 33	65 37	61 52	75 46	78 46	65 46	74 38	59 36	50 32	46 33	57 33	59 36	65 36	68	60		60.5
STOYSTOWN	MAX	64 39	63 43	79 51	78 48	49 26	48	62 28	60 24	56 27	53	38 23	48	50 30	50 30	56 25	55 26	63 32	67 50	74 49	80 49	65 40	76 39	54 39	51 30	43	53 29	58 32	58 30	65 33	57 42		59.1 33.9
STR0U0S8URG	MAX	56 30	83 43	86 44	56 33	50 29	61	65 28	60 21	57 32	40 31	53 32	64 36	64	60 26	60 25	66 24	64 40	78 44	78 37	73 47	69 38	59 35	46 35	53 36	58 26	60 26	64 27	67 28	65 29	61 44		62.5
SUNBURY	MAX	62 40	48 40	85 43	83 51	58 26	56 23	64 30	64	63 29	56 31	48 33	55 37	66	65 30	64 29	63 26	69 31	62 50	79 42	82 45	72 37	73 39	60 34	60 36	54 33	64 28	63 32	65	70	67 38		64.7 34.2
TIONESTA 2 SE OAM	MAX	65 36	62 44	81 44	77 41	41 23	48 21	61 27	54 22	53 29	48 26	37 26	49	52 28	50 26	54 24	55 22	63 33	72 52	61 41	74 51	58 35	72 29	55 35	46 32	44	55 25	5 9 2 9	63 29	69 33	65 21		58.1
TITUSVILLE WATER WORKS	MAX	61 42	77 41	73 38	59 24	39 20	58 18	50 23	49 19	32	35 23	46 28	48 23	52 25	51 20	51 18	60 17	70 40	67 47	72 35	58 47	68	57 23	47 32	41 28	52 20	56 21	60 25	67 25	65 35	60 37		56.4
TOSYHANNA	MAX	56 36	77 39	75 52	73 33	41	55 23	59 28	57 23	51 33	46 25	43 28	55 30	56 30	56 30	51 28	60 24	58 36	70 46	70 34	69 52	63	61	46 29	45 32	51 28	52 24	58 24	61 25	60 28	56 44		57.7 31.8
TOWANOA 1 ESE	MAX MIN	54 33	82 42	81 45	33	47 26	61	54 30	54 20	55 29	41 29	50 34	60 29	59 29	57 29	57 27	65 23	69 47	71 48	78 34	75 56	70 35	69 33	45 32	47 36	56 30	56 28	62 29	65 27	68 28	70 49		61.3
TOWER CITY 1 S	MAX	62 40	46 41	81 45	82 52	57 29	51	59 29		57 38	55 31	44 32	50 38	61	62 41	60 30	58 25	64	56 48	77 40	77 53	71 42	69	57 35	47 36	52 28	57 27	61 30	63 31	66 33	63 42		60.9
UNIONTOWN	MAX MIN	71 53	8 <b>4</b> 58	82 55	76 40	54 27	66 25	64 33		57 43	47 27	5 2 3 3	56 27		61 28	59 27	66 25	73 58	77 61	83 53	78 54	81 37	73 45	60 41	51 38	58 28	64 29	65 33	72 36	69 51	70 51		66.1 39.1
WARREN	MAX MIN	60 44	82 46	79 55	60 29		62	<b>55</b> 29		47	37 26	49 30	52 27	57 28	54 25	54 23	63	69 52	73 50	77 40	70 51	73 34	57 28	48 36	44	56 24	60 27	62 30	72 29	68	66 44		60·2 33·5
WAYNESBURG 1 E	MAX	68 43	75 46	82	80 49					55 33	56 21	45 27	51 23		55 26	59 22	58 20	66 31	75 53	79 48	83 52	69 32	80 41	57 42	56 36	50 25	58 26	63 29	65 27	71 34	63 44		63·6 33·2
WELLSBORO 3 S	MAX	55 34	46 36	79 45	78 46					51 26	52 23	35 24	46 30		55 30	54 28	53 32	63 36	65 40	69 37	70 44	61 40	65 28	49 29	41	45 27	54 30	53 33	58 34	62 36	61 42		55.9 32.2
WEST CHESTER	MAX	67 37	52 39	82 46	89 41					<b>63</b> 37	52 29		57 34			67 35	65 35	70 44	66 46	83 49	78 54	80 44	72 42	62 36	54 35	57 32	63 38	67 37	68	71 37	68		66.4 38.2
WEST GROVE 1 SE			50 42	79 49	84 45				56 31	59 41	49 33	53 37	55 39	62 41	63 38	62 37	60 37	64 45	63 46	80 50			71 46		54 38	54 35	58 38		64 39	67 36			62.4
													- 1																				

Continued

Station															Day	Of M	onth															Da I
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Ave
WILLIAMSPORT W8 AP MAX MIN	51 41	75 43	83 49	76 36	53 29	63 28	60 36	59 29	55 38	44 32	53 37	62 36	62 38	61	59 35	66 29	59 51	79 47	77 42	69 50	73 39	59 37	50 37	51 38	59 33	60 31	64	70 34	65 36	67 43		62.8 37.5
YORK 3 SSW PUMP 5TA MAX MIN	64 43	83 44	83 50	80 48	56 32	61 25	69 35	63 25	62 41	55 35	57 36	64 33	64	64 29	63	65 27	63 49	81 47	81	80 61	77 38	71 48	58 40	53 37	60 26	64 29	67 34	69 31	69 37	72 50		67.3 37.7

#### DAILY SOIL TEMPERATURES

																	Day	of mo	nth															rage
	STATION AND DEPTH		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ER1E	CO FIELO R5CH LAB																																	
	8 INCHES	MAX MIN	46 42	51 46	53 51	53 47	47 43	46 42	47 44	46 43	46 44	45 42	44	45 42	46 43	46 43	47 43	48 44	52 47	53 51	55 50	55 53	54 51	53 50	50 46	47 4 <b>4</b>	50 4 <b>4</b>	50 46	52 47	53 49	52 50	53 50		49.5 45.9
LANOI	SVILLE 2 NW																																	
	2 INCHE5	8AM	42	42	46	47	40	38	41	40	42	40	40	40	42	42	40	39	44	46	46	50	48	48	46	44	42	43	44	-	46	48		43.3
STATE	COLLEGE 2																																	
	2 INCHE5	MAX M1N	47 44	57 43	59 50	53 41	48 36	56 36	54 40	53 38	50 42	42 37	47 37	51 38	50 39	52 39	53 39	56 37	52 46	61 48	62 49		59 47	56 47	48 43	46	54 39	53 41	60 41	67 41	55 46	62 48		54.0 42.2
	4 INCHE5	MAX MIN	45	54 43	55 49	52 43	45 38	50 38	50 41	49 40	48 43	43 39	44 38	47 39	47 41	49 41	49 40	51 40	49 46	57 48	58 49	56 53	56 49	54 48	50 45	46 42	51 41	50 43	54 43	59 44	52 47	57 49		50.9 43.4
	8 INCHE5	MAX	45	50 43	52 48	51 45	45 40	47	47 42	46 42	46 43	44 40	43 39	45 41	45 42	47 42	47 42	48 42	48 46	53 48	55 49	55 53	53 50	53 49	51 47	47 44	49 43	49	51 45	54 46	51 49	<b>54</b> 49		49.0 44.5
	12 INCHE5	MAX M1N	43 42	45 42	48 45	48 46	46 42	44 41	45 43	45 43	44	44	42 41	43 41	43 42	44 43	45 43	46 43	46 45	49 46	51 48	51 50	51 49	51 49	<b>5</b> 0 48	48 46	47 45	47 46	49 46	50 47	50 49	51 48		46.9 44.8
	16 INCHE5	MAX MIN	42 41	44 41	47	47 46	46 43	43 42	44 43	44	44 43	44 42	42 41	43 41	43 42	44	44	45 43	45 44	48 45	50 47	50 49	50 49	50 49	50 48	48 46	47 45	47 46	48 46	48 47	49 48			46.2 44.6

ERIE CO FIELO R5CH LAB - MAX ANO MIN FOR 24 HOUR5 ENOING AT 5 P. M.

SLOPE OF GROUNO, FLAT. SOIL TYPE, LAKE TERRACE CLASSIFIED AS CONOTTON GRAVELY LOAM. GROUND COVER. RYEGRAS5
AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION; TAYLOR RECORDING THERMOMETER.

LANOISVILLE 2 NW

- 5LOPE OF GROUND, GENTLE SLOPE TO THE WEST. 501L TYPE, OUFFIELD CLAY LOAM. GROUND COVER. PERMANENT BLUE GRASS 500 WHICH 15 KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2

- MAX AND MIN FOR 24 HOURS ENDING AT 8 P. M.
SLOPE OF GROUND, GENILE SLOPE TO THE SOUTHEAST. SOIL TYPE, HAGERSTOWN SILT LOAM. GROUND COVER, KENTUCKY 8LUE GRASS
KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION, COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING
POTENTIOMETER.

#### EVAPORATION AND WIND

Station																1	Day o	of mo:	nth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
8ELLEFONTE 4 S	EVAP WINO MAX MIN	=	-	-	-	-	- 54 38	. 13 - 60 40	58	54	102 56	189	115	88 65	60 64	72 67	51 68	71 69	.08 93 56 49	104	.31 123 79 48	.36 160 68 43	121 69	68 68		132 53	63 69	67	36 68	66	. 18 191 60 40		8 5.8 - 62. 39.
CONFLUENCE 1 5W 0AM	EVAP WINO	-	.08		.20 106			.24	* 75	.26 37		.20	* 88	.24	* 70	.25 108	* 72				.25		.29		.06 130						.05		8 4.2 8 227

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	ive hum	idity ave	erages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 A.M. EST	7,00 A.M. EST	1:00 P.M. EST	7:00 P.M. EST	Trace	60:-10:	.1049	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN W8 AIRPORT	WNW	18	13.2	60++	WNW	4	60	67	34	42	7	5	2	1	0	0	15	-	5.8
ERIE W8 AIRPORT	5	13	13.7	40++	W	19	67	72	57	62	7	2	5	1	1	0	16	-	6.1
HARRISSURG WS AIRPORT	NW	23	11.2	42	NW	20+	52	61	37	37	7	3	6	0	0	0	16	67	6.4
PHILAOELPHIA W8 AIRPORT	NNW	17	10.9	39	NW	4	60	60	37	42	4	4	2	1	0	0	11	71	6.0
PITT58URGH W8 AIRPORT 2	NW	14	10.1	35++	W	20+	67	76	46	49	4	6	5	1	0	0	16	55	7.0
READING W8 CITY	NW	-	13.4	58	W	4	-	-	-	-	3	5	2	1	0	0	11	62	5.3
SCRANTON W8 AIRPORT	NNW	17	10.6	42	W	4	55	62	37	40	7	5	4	0	0	0	16	62	6.3
WILLIAMSPORT W8 AIRPORT	WNW	17	11.0	40++	W	4	62	68	37	41	6	8	4	0	0	0	18	-	6.5

Station																Day	of m	onth														
Sidnon		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALLENTOWN WB AIRPORT	SNOWFALL SN ON GND											т											т	.2								
AUSTINBURG 2 W	SNOWFALL SN ON GND											T												T								
BRADFORD FAA AIRPORT	SNOWFALL SN ON GND				Т					1.0	.5	.6									,			.8	.6 1					:	т	
BRADFORD 4 W RES	SNOWFALL SN ON GND				T						2.0																					
CANTON 1 NW	SNOWFALL SN ON GND										T	T																				
CARROLLTOWN 2 SSE	SNOWFALL SN ON GND					т					. 5 T	T													T	Т						
CORRY	SNOWFALL SN ON GND				Т					т	2.0	Т												-								
DU BOIS FAA AIRPORT	SNOWFALL SN ON GND				.1					Т	. 4 T	.1 T												Т							Т	
DU BOIS 7 E	SNOWFALL SN ON GND										1.D	Т												т								
ERIE WB AIRPORT	SNOWFALL SN ON GND				Т					Т	T												Т	Т							.1	
FORD CITY 4 S DAM	SNOWFALL SN ON GND										Т	Т																				
GALETON	SNOWFALL SN ON GND										.5	Т												т		т						
HARRISBURG WB AIRPORT	SNOWFALL SN ON GND										Т																					
INDIANA 3 SE	SNOWFALL SN ON GND					Т					T	Т													Т	т						
KANE 1 NNE	SNOWFALL SN ON GND				•	Т					1.0	.5 T													T T							
LAWRENCEVILLE 2 S	SNOWFALL SN ON GND																							т								
MARTINSBURG FAA AP	SNOWFALL SN ON GND				Т						Т	Т													Т							
MEADVILLE 1 S	SNOWFALL SN ON GND					.1					.1	Т								T												
MEDIX RUN	SNOWFALL SN ON GND					Т					.3 T	Т													Т	Т						
MONTROSE	SNOWFALL SN ON GND	т	т	T	т	ř1	Ţ				1.D	.5 T	Т											1.5	.3	Т						
PHILIPSBURG FAA AIRPORT	SNOWFALL SN ON GND				Т					.2	.4 1	T												Т	Т						Т	
PITTSBURGH WB AIRPORT 2	SNOWFALL SN ON GND				Т						Т													Т	Т						.3	
PLEASANT MOUNT 1 W	SNOWFALL SN ON GND					T T					1.D	1.5					П							1.D	T T							
SCRANTON WB AIRPORT	SNOWFALL SN ON GND				Т					Т	т	Т												.5 T								
SHIPPENSBURG	SNOWFALL SN ON GND										Т																					
TIONESTA 2 SE DAM	SNOWFALL SN ON GND										.5 1														Т	Т						
TOWANDA 1 ESE	SNOWFALL SN ON GND										т													.5								
WILLIAMSPORT WB AIRPORT	SNOWFALL SN ON GND				Т					Т	Т	т											Т	Т								

		NO.		1 35 T	DE	UDE	NOI	TI	ERVA ME A	ND			NO.		E 1 DE	TOE		OBSERV	AND	1963
	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION		PRECIP.		OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	PRECED.	EVAP.	OBSERVER
	ACMETONIA LOCK 3 ALLENS MILLS ALLENIOWN WB AP ALLENIOWN GAS CO ALTOONA HORSESHOE CURY APOLLO 2 W ARENDISVILLE AUSTINBURG 2 W BARRESTONN 3 WNW BARRES	0099 0106 0111 (F0134 0204 0229 0313 0355 0409	WESTMORELAND ADAMS T1DOA ALLEGMENY WARREN	1 41 9 40 9 40 6 40 7 40 15 39 15 42 1 40 1 41	39 36 30 35 55 00 39 40	79 49 78 55 75 26 75 28 78 29 79 36 77 18 77 32 79 59 79 02	748 1600 376 254 1500 1060 710 1590 1230 1310	M10 F	74	C H	CORPS OF ENGINEERS CHARLES M. ALLEN US-S WEATHER BUREAU LENIGH VALLEY GAS DIV. ASTORNA WATER BUR. EUGENE R. YOUND PA. STATE COL. ERP.STAP OTTO D. BACON PGM. CUT ELOWER CO., CORPS DF ENGINEERS	KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2 NE PUMP SI LANCASTER 2 NE ELIT PL LANCASTER 2 NE ELIT PL LANCASTER 3 NE LANCESTON STATE VILLAC LAWRENCEVILLE 2 S LEBANON 6 MM	4733 44758 4763 4778 E4853 4873 4893	LANCASTER LANCASTER	9 40 54 5 41 27 15 40 03 15 40 03 15 40 07 15 40 54 15 41 59 15 40 21 15 40 19	73 34 73 03 73 16 76 17 76 17 76 26 77 13 77 07 76 29 76 28	270 360 880 1000	7A 7A 8A 6P 6P 8A 6A 6P 6P 7A 7A	H H	CITY OF BETHLEHEM MRS. IRENE EDREMAN MRS. GLADYS RETURKE LANCASTER WATER BUR. LANCASTER WATER BUR. PA. STATE COLLEGE PA. DEPT. OF MELTARE MARRY P. HOMLAND LEON HILLER THOMAS DONNACHIE
	BEAR CREES DAM BEAVER EALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE & S BEANE BERNICA BETHLEHM BETHLEHM BETHLEHM BETHLEHM BETHLEHEM LEHIGH UNIV	0457 0475 0482 0488 0530 0599 0611 0629 0634		9 41 15 40 2 40 15 40 16 40 14 40 19 41 9 40	50 46 45 22 51 31 04 37 36	75 44 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23 75 22		BA	3P 7A 7A 8A 6P 8A	SAC J	CORPS OF ENGINEERS ROARING CREEK MATER CD., HOWARD R. KCHP MARLIN R. ETTINGER PAUL W. EISHER ROCKYIEW PRISON FARM FLOYD W. TRUMP AMER. CAR + FADRY. CO.; CITY OF BETHLEHER LEMIGH UNIVERSITY	LEMIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN 2 LONG POND 2 W LYNCH HADERA MAMAEFEY	4972 4984 4992 5104 5109 5160 5275 5336 5342	CARBON BRADEORD MC KEAN MIEFLIN CLINTON CLINTON MONROE FOREST CLEARFIELD CLEARFIELD	9 40 50 15 41 41 1 41 50 6 40 33 16 41 08 9 41 03 1 41 36 16 40 50 16 40 33	75 43 76 43 78 39 77 35 77 27 77 27 75 30 79 03 76 26 78 44	680 630 186 129	7A 8A 7A 7A 7A 7A 7A 7A 7A	S ON C TO	GOOMIN S. DEFREHN LEAMON H. BAUHAN RUSSELL LINEMAN AHRICAN VISCOSE CO. JOHN P. FREY HUGH E. PARKER HUGH E. PARKER CORPS OF ENGINEERS MRS. JULIA J. SHOFF MISS ELLEN J. HILES
	BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS BLOSERVILLE 1 N BOSWELL 1 SW BRADDOCK LOCK 2 BRADEORD CHOCK 2 BRADEORD FAA AIRPORT BRADEORD CHTRL EIRE ST BRADEORD & W RES BREEZEWOOD	0736 0743 0763 0821 0861 0863 A0867 0868 0905	MC KEAN BEDFORD	19 40 1 40 10 40 1 41 1 41 1 41 6 40	06 16 09 24 48 57 57	77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44 78 14	1500 1680 1352	84 M1D H 5P H	5P 11D	С С Н	PAO DEPT. FRST. + WTRS UNS. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. MILLDERS MRS. EFSIE M. MILLDERS MRS. EFHA SHAULIS CORPS OF ENGINEERS FEO. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD MATER DEPT. PAO. TURNPIKE COMM.	MAPLE GLEN MAPLETON DEPOT HARCUS HOOK MARIENYILLE 1 SM MARION CENTER 2 SE MARTIN SEURG FAA AP HATAMORAS MC CONNELLSBURG MC KEESPORT MEADON RUN PONDS	5381 5390 5400 5408 5454 5470 5526 5573 5601	FULTON ALLEGHENY LUZERNE	5 40 11 6 40 24 5 39 40 1 41 27 1 40 45 6 40 18 5 41 22 12 39 56 10 40 21 15 41 13	75 11 77 56 75 25 79 09 79 02 78 19 74 42 78 00 79 52 75 40	170 161 1463 M 439 915 720 1995	6P 7A 11D MID 6P 7A 11D MID 7A 7A 8A	CHH	FRANCES E. SCHEIBHER MRS. 1. S. BUCHANAN SUN OIL CO. ROY A. MARKER CORPS OE ENGINEERS FED. AVIATION AGENCY HARRY BISLAND DAVID # SHIVES JR U S CORPORATION GEORGE PEARAGE
	BRUCETON 1 S BUCKSTOWN 1 SE BUFFALO MILLS BUFFALO MILLS BURGETISTOWN 2 W BURNT CABINS 2 NE BUTLER BUTLER SUBSTATION CAMP KLINE CAMPON 1 NW CARROLLEDWN 2 SSE	1073 1087 1105 1115 1130 1135 1203 1215 1234	ALLEGMENY SOMERSET BEDFORD WASHINGTON HUNTINGDON BUTLER BUTLER LYCOMING BRADFORD CUMBERLAND	16 41 15 41 15 40	04 57 23 05 52 51 16 40	79 59 78 50 76 39 80 26 77 52 79 54 79 53 77 20 76 52 77 12	1065 2460 1318 980 990 1100 1140 590 1520 465	7A SP BA 7A 6P	7A 8A 7A SP 8A 7A 6P	C H H	AUSTIN R. COOPER ALVIN N. MANGES CLIFEORD C. ADAMS SMITH TAPP, MUN. AUTH. PA. TURNPIKE COM. HALLACE A LOZA WEST PENN POWER CO. LESLIE D. DOWLING MRS.MILDRED SPENCER CARROLL G. MILLER	MEADVILLE 1 S MEDIX RUN MERCER 2 NNE MERCER HIMAY SHED MERCERSBURG MERHINSBURG MERHINSBURG HEYERSBULE 1 W MILAN 2 N HILANVILLE HILLERSBURG 2 E	5627 5651 5654 5662 5676 5686 5731 5738	CRAWFORD ELK MERCER MERCER FRANKLIN MONROE SOMERSE7 BRADFORD WAYNE DAUPHIN	1 41 38 16 41 17 2 41 15 2 41 14 12 39 49 9 40 58 17 39 45 15 41 56 5 41 40 15 40 32	80 10 78 24 80 13 80 15 77 34 75 28 79 02 76 31 75 04 76 56	1100 1160 1230 615 985 1960 770 760 560	8A 8A 7A 7P 7A 8 8A 9A 8A	HH H	CITY OF HEADVILLE MRS.E. M. SNYDER MRS. FRAN. STRUTHERS PA. DEPT. HIGHWAYS ROLLIN P. GILBERT ARTHUR A. SMITH E T C SNYDER CMARLES E. STROUD CMARLES W. DAVIS RUSSELL SHEPLEY
	CARTER CAMP 2 W CEDAR RUN CHADDS FORD CHAMBERSBURG 1 ESE CHARLERO1 CHARLERO1 LOCK 4 CLARLON 3 SW CLAUSSYLLE	1262 1301 1342 1354 1372 1377 1480 1485 1505	CAMBRIA POTTER LYCOMING DELAMARE FRANKLIN WASHINGTON WESTMORELAND CENTRE CLAR JON LEHIGH	10 40 10 40 16 41 1 41 9 40	37 31 52 56 08 09 03 12 37	78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26 75 39	2040 2030 800 170 640 1040 749 1390 1114 670	9P	8A 7A 7A 9P 7A 7A 7A 8A	CCC	ROBERT F. MAURER RICHARD L. MENKEN KATHRYN T. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENDER MEST PENN POWER CO. CORPS OF ENGINEERS MRS. SUSAN VERBIISKEY PA. ELECTRIC CO. WILLIAM J. DOTTERER	MONTROSE MORGANTOWN MT GRETHA 2 SE HOUNT UNION 1 N MURRYSYILLE MYERSTOWN	5817 5825 M5902 S915 5956 6028 6067 6111	SUSOUEHANNA BERKS LANCASTER M1FFLIN WES7MORELAND LEBANON	15 40 S3 15 41 06 6 40 43 11 40 39 15 41 50 15 40 09 15 40 14 6 40 24 10 40 26 14 40 22	77 29 76 34 77 35 80 23 75 52 76 26 77 33 79 42 76 18	770 692 1560	7A 7A 7A 8A SP 7A 7A 7A ID MID ID MID	СН	NEVIN E. BOMERSOX KENNETH LEIGHOW THOMAS C. HARBESON CORPS OF ENGINEERS RALPH TAYLOR PA. TURNPIKE COMM. PA. TURNPIKE COMM. H7. UNION MATER WORKS DAVID C. SHAW MRS,KATHLEEN WANDELL
	CLAYSVILLE 3 W CLEARFIELD CLERMONT CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW CONFLUENCE 1 NW CONEAUTVILLE CONNELLSVILLE CONNELLSVILLE 2 E	1519 1529 1534 1569 1705 1710 1720 1723 1729	WASHINGTON CLEARFIELD MC KEAN MC KEAN MC KEAN CHESTER SOMERSET FAYETTE CRAMFORD FAYETTE FAYETTE FAYETTE	11 40 16 41 1 41 1 41 5 39 17 39 17 39 8 41 17 40	01 41 44 58 48 50 45 01	80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 79 36 79 33	1000 1100 2104 1620 342 1490 1331 1000 870 1300	5P 8A 8A	7A 7A 8A 8A 8A 6 7A 9A 8A	C C C	HFGRS. L. + H. CO. IRA TANDOR MRS. TILLIE M. SIMONDS MRS. TILLIE M. SIMONDS PHILA. ELECTRIC CO. CORPS OF ENGINEERS JOHN L. REID S. CARLYLE SHELDON MARSHALL B. HENEFEE HARRY C. JOY	NATRONA LOCK 4 NEFFS MILLS 3 NE NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN	6174 6194 6233 6246 6289 6297 6310 6326	LAWRENCE FAYETTE	1 40 37 6 40 40 5 40 09 2 41 01 10 40 05 15 39 44 6 40 29 10 40 13 14 40 41 14 40 07	79 43 77 55 74 57 80 22 79 54 76 30 77 08 79 36 79 45 75 45 75 21	805 1 780 400	7A M1D 5P 7A 2M 12M 6P 7A 7A 1D M1D 6P	C	CORPS OF ENGINEERS PA. STATE UNIVERSITY PHILA. SUB. MATER. CO. LEWIS W. HAMILTON GENERAL CHEMICAL CO. CLINTON J. ALLEN MRS. FRANCES K. FEY PA. TURNPIKE COMM. FRED C. OSWALD BOROUGH OF NORRISTOWN
	COMSHOWN CONSTRUCTION OF THE CONTROL OF THE CONTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE COUNTROL OF THE CO	1749 1773 1790 1806 1809 1833 1881 1895	MONTGOMERY CLARION ALLEGMENY ERIE POTTER POTTER T10GA INDIANA CAMBRIA	5 40 1 41 11 40 1 41 1 41 16 41 15 41 1 40 6 40 15 40	30 55 49 46 44 41 27	75 19 79 13 80 05 79 39 78 03 77 53 77 07 79 12 76 34 76 37	70 1180 720 1440 2020 2425 1745 1035 2540 460	6P 7P	8A 8A 6P 8A 7A 7A 7A	С	PHILA. ELECTRIC CO.  PA. DEPT. FRST. + WTRS.  PGM. COKE + CHEM. CO.  RICMARD T. MOUNTAIN  MISS ELIZABETH NEFF  MRS. HENRIETTA D DEITER  CALVIN R. PACKARD  CORPS OF ENGINEERS  FRED A. PLEMPEL  MRS. HARIE H. LITTLE	NORTH EAST 2 SE NORTH PHILADELPHIA APT ORNELL 2 NH PALM PALM PALM PALMERTON PARKER PARKER 1 E PAUPACK 2 NH PHIL DREVEL 1NST OF TE PHILADELPHIA WB AP	6622 6681 6689 6721 6724 6762	PHILADELPHIA BRADFORD HONTGOHERY CARBON ARMSTRONG CLARION PIKE	8 42 12 5 40 05 15 41 35 14 40 26 9 40 48 1 41 05 1 41 05 5 41 24 14 39 57 5 39 53	79 49 73 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15	1060 100 1340 385 435 M 1140 1100 1360 30 M	9A 8A 8A 1D MID 7A 8A 10 MIO 1D MID	C C H	ELLSHORTH WEAVER AIRPORT GUARDS ELMER T. HOORE HRS HELLEN ESCHBACH NEW JERSEY ZINC CO. LOUIS A. HALARKEY P. M. NEELY HISS L. VETTERLEIN FRANCIS K. DAVIS. JR. U.S. WEATHER BUREAU
	DEVAULT 1 W DINGMANS FERRY DINGNA DONEGAL DONNORA DOYLESTOWN DOYLESTOWN DU 801S FAA AIRPORT DU 801S 7 E DUNLO	2160 2171 2183 2190 2221 2245 2260 2265	CHESTER PIKE WYOMING WESTMORELAND WASHINGTON BUCKS CAMERON JEFFERSON CLEARFIELD CAMBRIA	14 40 5 41 15 41 17 40 10 40 5 40 16 41 1 41 16 41 4 40	13 32 07 10 18 20 11	75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 54 78 38 78 43	750 1746 900 358 880 181	HID M	7A	C H H	PA. TURNPIKE COMM. THEODORE F. HATHUES	PHILADELPHIA PT BREEZE PHILIPSBURG FAA AP PHOENINVILLE 1 E PIKES CREEX PITTSBURGH WB AP 2 PITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNXSUTAMNEY	6927 6939 6993 6997 7029 7116 7161	CHESTER LUZERNE ALLEGHENY ALLEGHENY	5 39 55 6 40 S4 14 40 07 15 41 18 11 40 27 5 41 44 14 40 35 14 40 42 1 40 57	75 12 78 05 75 30 76 08 80 13 80 00 75 27 76 02 76 11 79 00	1918 H 105 1320 1151 H 749 M 180D	5P H1D 7A ID M1D ID MID	H H H H	ATLANTIC REFINING CO. FED. AVIATION AGENCY PHILA. SUB. WATER COMMJ HARRY SHELDON U.S. WEATHER BUREAU U.S. WEATHER BUREAU WILLIAM POLIVKA MRS. ADA E. RARICK LLOVD E. WELLER CARL E. ROTOLO
	OUSMORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG EDINBORO EDINBORO EDINBORO SW EMPORIUM 1 N ENGLISH CENTER EPHRATA EQUINUNK 2	2343 2363 2466 2514 2519 2635 2644	SULLIVAN SULLIVAN CLARION CAMBRIA ERIE CRAWFORD CAMERON LYCOMING LANCASTER WAYNE	1: 41	59 52 50 32 26	76 25 76 35 79 37 78 43 80 06 80 14 76 14 77 17 76 10 75 13	2090 1220 1140	7A 5P 7P 8A 7A 6P	8A 7A 5P 7A 8A 8A 6A 7A	UU H	ROBERT J. OBERT FRANCIS B. MANLEY A. B. KEMPEL ROBERT A. WASSER EDINBORO ST. TCHR. COL. MRS PALLA J TAUTIN MRS. TALLIE M. BRITTON WILLIAM SUDERS STANLEY L. VON NEIDA MRS, MERRIETTA MURRY	PUTNEYVILLE 2 SE DAM OUAKERTOWN 1 E RAYMOND READING WB CITY RENOVO RENOVO 5 S REW RICES LANDING L 6 RIDGWAY ROCHESTER 1 N	7239 8 7310 8 7318 8 7409 8 7410 8 7425 7 7443 8	POTTER BERKS CLINTON CLINTON MC KEAN GREENE	1 40 55 5 40 26 13 41 52 14 40 20 16 41 20 16 41 14 1 41 54 10 39 57 1 41 25 2 40 43	79 17 75 20 77 52 75 58 77 45 77 46 78 32 80 00 78 45 80 18	490 2220 266 M 660 2035 2250 775	8A 8A 5P 7A 7A 1D MID 7A 7A 8A 7A 8A 8A	C H	CORPS OF ENGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAN 10.5. WEATHER BUREAU ELMER G. BATSCHELE7 C. F. BILLETTE EDWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIGHAY DEQUESHE LIGHT CO.
	ERIE CO FIELD RSCH LAB ERIE WA AIRPORT EVERETT I SW FARRELL SMARON FORD CITY 4 S DAM FRANKLIN FREELAND GALETON GEIGERTOWN GEORGE SCHOOL	2682 2721 2814 2942 3028 3056	ERIE BEDFORD MERCER ARMSTRONG VENANGO LUZERNE POTTER BERKS	8 42 6 40 2 41 1 40 1 41 15 41 16 41 14 40 5 40	05 00 14 43 23 01 44 13	79 51 60 12 76 23 80 30 79 30 79 49 75 54 77 38 75 50 74 56	1020 855 950 987 1900 1365 400	7P 6P 6P	84 7P	G C H AC H C	FIELD RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIEE COMM. SMARON STEEL CORP. CORPS OF ENGINEERS RICHARO A BEITH ANDREW B. EVANSHA STANLEY G. LUSH WALTER G. WOLF GEORGE H. HART	RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 H SAXTON SCANDIA 1 E SCHENLEY LOCK 5 SCRANTON B AIRPORT	7729 1 7732 1 7739 1 7782 1 7646 6 7855 1 7663 1	SUSDUEMANNA MARREN LANCASTER INDIANA MESTHORELAND BEDFORD WARREN LRMSTRONG LACKAWANNA LUZERNE	15 41 47 1 41 56 15 39 55 1 40 46 7 40 31 6 40 12 1 41 55 1 40 41 15 41 25 15 41 20	76 07 79 08 76 23 79 14 79 33 76 15 79 02 79 40 75 40 75 40	780 2100 783 746	7A 8A 7A 6P 6P 8A VAR 7A 7A 1D HID	C HJ	CARL KOPATZ HIKE L. FERFIE S.M. WAITER POWER CORP. CORPS OF ENGINEERS HUN. AUTH. WITHRLD. CO. HRS. ALVERTA L. HOLMES CLARE E. WINERITER CORPS OF ENGINEERS U.S. POST OFFICE U.S. WEATHER BUREAU
	GETTYSBURG GETTYSBURG 1 S GLENCOE GLEN HAZEL 2 NE DAM GLENHOORE GLEN ROCK GLENN LLARD OASH DAM GOULDSBORO GRATERFORD GRATERFORD GRATERFORD GRATERFORD 1 E	3298 3311 3321 3330 3343 3394 3435 3437	ADAMS SOMERSET ELK CHESTER YORK ALLEGHENY WAYNE MONTGOMERY HONTGOMERY	11 40 9 41 14 40 14 40	48 49 34 06 48 33 15 14	77 14 77 14 76 51 78 36 75 47 76 44 60 13 75 27 75 27 75 26	540 530 1620 1725 440 620 705 1890 155 240		9A 8A 7A 7A 7A 7A	0000	MUGH C. MC ILMENNY NATIONAL MILITARY PARK MRS, MARY H. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER MRS. E. C. MC WILLIAMS CORPS OF ENGINEERS OANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST	SELLERSVILLE 2 NW SMADE GAP 2 NE SMAMOKIN SMEFFIELD 5 W SHIPPENSBURG SINNEMAMONING SIZERVILLE SLIPPERY ROCK SMETHPORT HIGHWAY SHEO SOMERSET FAIRVIEW ST	073 F 8145 C 8155 C	HUNT INGDON NORTHUHBLAND MARREN FRANKLIN CAMERON CAMERON	5 40 23 6 40 12 15 40 48 1 41 42 15 40 03 16 41 19 16 41 36 2 41 04 1 41 48 17 40 01	75 20 77 52 76 33 79 08 77 32 78 05 78 11 80 03 78 27 79 05	790 1230	8A 4P 4P 7A 7A 7A 7P 7A	С Н	SELLERSVILLE WATER CO, MRS, HELEM M, PYLE ROARING CREEK WATER CO, WILBUR R. NORDIN HS. FRANCES CALUWELL HRS. AGNES LIOW RAYMOND E. MILLER PA. DEPT. MIGHWAYS HOWARD G, PECK
H	GREENSBORD LOCK 7 GREENSBURG 2 E GREENYLLE HANDVER HARRISBURG WB AP HARRISBURG WORTH HANLEY HAWLEY 1 S DAM MOLLIDAYSBURG MOLLISTERVILLE	3526 3662 3699 3704 3758 3761 4001 4008	YORK DAUPHIN MAYNE WAYNE BLAIR MAYNE	15 40 5 41 5 41 6 40 5 41	24 48 13 18 29 28 26 23	79 55 79 31 80 23 76 59 76 51 76 54 75 10 75 11 78 24 75 26	335 I	6P 8A HID M	7A 6P 8A 1D 9A 7A	C H	CORPS OF ENGINEERS PA. DEPT. WIGHWAYS C. EARL WILLER MANOYER EVENING SUN U.S. MEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES PA. POWER + LIGHT CO. JOHN H. RINGLER PA. POWER + LIGHT CO.	SOUTH CANAAN 1 NE SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STATE COLLEGE STATE COLLEGE 2 STILLWATER DAH STOYSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN	8379 5 8449 6 8452 6 8491 5 8560 5 8570 8	RANKLIN FORK ENTRE ENTRE SOUEHANNA SOMERSET BERKS INDIANA	5 41 31 12 39 51 15 39 52 16 40 48 16 40 48 15 41 41 4 40 06 14 40 29 4 40 33 5 40 59	75 24 77 30 76 S2 77 52 77 52 75 29 76 S7 76 11 78 55 75 12	1180	7A 8A 7 7A 9A 8A	0000000	EUGENE M. COOK PA. DEPT. OF HEALTH P. M. GLATFELTER CO. PA. STATE UNIVERSITY CORPS OF ENGINEERS VERNON MONG JACOB KLAHR MARPY F. BENNETT WILLIAM HAGERTY
	MOLTHOOD MOME MOME SDALE 4 NW MONESDALE 6 NNW HONESDALE 6 NNW HOP BOTTOM 2 SE HUNTINGDON MUNTSDALE HYTDMAN INDIANA 3 SE	4027 4043 4044 4047 4066 4159 4166 4190 4214	MAYNE CHESTER SUSDUEHANNA HUNTINGDON CUHBERLAND BEOFORD INDIANA	15 39 1 40 5 41 5 41 5 40 15 41 6 40 15 40 12 39 4 40	45 37 39 06 43 29 06 49 36	76 20 79 06 75 19 75 17 75 56 75 43 78 01 77 18 78 44 79 07	1220 1410 1050 700 900 640 610 960 1102	74	8 A 9 A 7 A 7 A 8 A 7 A 7 A	C M	PA. POWER + LIGHT CO. MRS. EDNA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER METRO P. DOROSH OONALD LEHMAN CLYMER WATER SVC. CO.	STUMP CREEK SUBSUEMANNA TAMAQUA ON DAM TIONESTA 2 SE TITUSVILLE TITUSVILLE WATER WORKS TOBYMANNA TORPEDO 4 W	8668 8692 8758 8763 8873 8885 8885 8888 8893	RAWFORD RAWFORD	1 41 01 15 40 52 15 41 57 14 40 48 14 40 51 1 41 29 1 41 38 5 41 11 1 41 47	78 50 76 47 75 36 75 58 75 59 79 26 79 40 79 42 75 25 79 32	1020 830 1120 1200 1550 1220	7A 7A 7A 8A 7A 8A 7A 8A 7A 8A 7A 8A 7A 8A 7A 8A 7A 8A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A	С С н С	CORPS OF ENGINEERS CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WIR. CO. CORPS OF ENGINEERS OF ENGINEERS CITY OF TITUSVILLE MRS. JULIA GRADY MRS. LILY 8. GARBER
	JACKSON SUMMIT JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN JOHNSTOWN 2 KANE 1 NNE KARTHAUS KEGG KETTLE CREEK DAM KITTANNING LOCK 7	4363 4385 4390 4432 4450 4481	TIDGA CRAWFORD LYCOMING CAMBRIA CAMBRIA CAMERIA CKEAN CLEARFIELO BEDFORD CLINION ARMSTRONG	4 40 4 40 1 41 16 41 6 39 16 41	30 12 20 19 41 07	77 01 80 28 77 15 78 55 78 55 78 48 78 07 78 43 77 56 79 32	541 1214 1275	94	7A 9A 8A 7A	C H	ARCHIE LAIN PA. OERT. FRST. + WTRS GEORGE R. WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDOLRH A. ANDERSON MILLIAN J. HOWE PA. TURNPIKE COMM. CORPS OF REGINEERS CORPS OF ENGINEERS	TOWANDA 1 ESE TOWER CITY 2 E TROY TUNNELTON TURTLEPOINT 4 NE TYRONE 4 NE BALD EAGLE UNION CITY FILT PLANT UNIONTOWN VANCERGRIFT VIRGINVILLE	8912 S 8959 B 8989 I 9002 M 024 B 9042 B	AYETTE ESTMORELAND	15 41 45 15 40 35 15 41 47 4 40 27 1 41 54 6 40 43 1 41 55 10 39 54 7 40 36 14 40 31	76 25 76 31 76 47 79 23 78 16 78 12 79 48 79 44 79 33 73 52	835 1100 890 1640 1020 1400	7 7A 8A 8A 7A 7A 7A 7A 7A 7A 7A 8A	C H	LEVERN ROOT MRS LILLIAN S BOWMAN JENNIE L. BALLARD MRS, MARY E. WEIMER ROBERT D. STRAIT FREDERICK L. FRIDAY MAROLO W. HAMMOND WM. W. MARSTELLER UNITEO ENG. > FRIDRY-CO. MRS. MARY M. WRIGHT
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STATION	INDEX	COUNTY	DRAINA	LATIT	LONG	ELEVA	TEMP	95000	ruccir.	CDECTAL	CHES MOTES:	OBSERVER	STATION	INDEX	COUNTY	DRAINA	LATI	LONG	ELEVA	TEMP.	PRECIP.	EVAP.	SPECIAL OUT HOUSE	OBSERVER
ARREN ASHINGTON ATSONTOWN AYNESBURG I E EBSTER MILLS 3 SW ELLSBORO 3 S EST CHESTER EST GROVE I SE EST GROVE I SE EST HICKORY	9312 9345 9367 9380 9408 9464 9503 9507	WARREN WASHINGTON NORTHUMBLANO GREENE FULTON TIOGA CHESTER FOREST ARMSTRONG	11 16 10 12 16 5	41 51 40 11 41 05 39 54 39 49 41 43 39 58 39 48 41 34 40 45	79 08 80 14 76 52 80 10 78 05 77 16 75 36 75 48 79 25 79 24	126 120 49 94 91 192 44 45 109	0000000	7A BA		CCCC	н	GLUERT H. REIER PA. GEPT. HIGHWAYS WILLIAM BIRO BOROUGH OF WAYNESBURG MRS, OGRA I. LYNCH MARION L. SHUMWAY OAILY LOCAL NEWS COMARO-PYLE CO MRS, HELEW F. KINNEAR COMPS OF MESTIMERS												
ILKES-BARRE ILLIAMSBURG ILLIAMSPORT WB AP INO GAP DLFSBURG DRK 3 SSW PUMP STA DRK 42 SFILTER PLAN7 DRK HAVEN DUNGSVILLE ION GROVE	9714 9728 9781 9823 9933 9938 9950 9966	YORK	6 16 5 6 15 15	41 15 40 27 41 15 40 51 40 03 39 55 39 56 40 07 41 51 40 54	75 52 78 12 76 55 75 18 78 32 76 45 76 44 76 43 79 19 76 13	61 88 52 76 115 35 64 31 122	5 5 6 6 6 6 5 6 5 6 5 6 6 6 6 6 6 6 6 6	ID M	7A 7A 1D 7A 5P 8A 7A	000	нЈ	MRS, MARY G. MIRMAK ROBERT GUNNETT U.S. MEATHER BUREAU MRS. MARY O. MOELZEL WALTER C. RICE VORK MATER COMPANY VOK MATER COMPANY VOK CARLETTOION CO. HENRY CARLETTER JAMES O. TEETER												
IONSVILLE 3 SE	9995	LEH1GH	14	40 28	75 27	6.8	0		BA			LESLIE HOWATT												

2 1. ALLEGERY 2. HEAVER 3. COMEMUNG 4 COMEMBUGH 5. DELAWARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9 LEBIGH 10. MONONGAHELA 11. ORIO 12. POTOMAC 13. LAKE ONTARIO 14. SCHUYLEILL 15. SUSQUEZANNA 16. WEST ERANCE 17. YOUGHIGGERY

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologiat at Weather Bureau Airport Station, Harriaburg Stata Airport, Naw Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and lettere following the station name, such as 12 SSW, indicate distance to miles and direction from the poat office.

Delayed data and corrections will be carried only in the June and Decembar issues of this builetin.

Monthly and seasonal anowfall and heating degree days for the 12 months ending with the preceding Juna data will be carried with the July issue of this bullatin.

Stations appearing in the index, but for which data are not lieted in the tablas, either are missing or were received too late to be lockluded in this lamue

Divisions as used in "Climatological Osta" Table and on the maps, became effective with data for September 1958,

Unless otherwise indicated, dimensional unite used in this bulletin are: Temperature in 'F, precipitation and evaporation in inches and wind nowemant io miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 85° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise above by footcote following the "Evaporation and wind" Table. Max and Min in "Evaporation and Wid" Table refer to extremes of temperature of mater in pan ma recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard oormals based on the period 1931-1960,

Water equivalent values published in the "Snowfall and Show on Ground" Table are the water aquivalent of enow, elect, or ice on the ground. Samples for obtaining measurements are taken from different polots for successive observations; coosequently occasional drifting and other causes of local variability in the anowpack may result in apparent ioccossistancies in the record.

Entries of enowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include enow and alaet. Entries of ance on ground include enow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and soowfail in the "Scowfail and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer souths some observers take the observations on daylight saying time.

now oo ground in the "Snowfall and Snow on Ground" Table is at obsarvation time for all except Seather Bureau and FAA stations. For thems atations snow on ground values are at 7:00 a.m., E.S.T.

In the Station lndex the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tablas", indicate the following

- C Recording Raio Gage Station. Hourly precipitation values are processed for special purposes, and are published later to "Hourly Precipitation Data" Bullatin. G "Soil Temperature" Table. Onission of data in any mooth indicates no encefall and/nor snow on ground in that month. J "Supplemental Gata" Table.

#### OTHER REFERENCE NOTES

- OTHER REPERINCE NOTES

  No record in the "Climatological Data" Table and the "Only Temperature' Table is indicated by no entry.

  Interpolated values for nonthly precipitation totals may be found to the annual issue of this publication.

  No record in the Supplemental Data" Table; "Only Precipitation" Table; "Paporation and Wiod" Table; "Daily Soil Temperature" Table; 'Soowfall and Snow on Ground" Table; and the Station Index.

  And also Oo annual trade of the station of the station is not equipped with automatic wind instruments.

  Annual tooluded to following measurement, time distribution unknown.

  Thermometere are generally exposed in a shelter located a few feet above sod-covered ground; however, tha reference indicates that the thermometers are exposed in a shelter located on the roof of a building distinct.

  An This soiry is time of observation column in Station Index means after raio.

  Adjusted to a full smoothly shouldy or partly estimated, using a ratio of 1 loch water aquivalent to every 10 inchas of new annual late of the station have been adjusted to represent the value for a full sonth.

  A Annual for this station have been adjusted to represent the value for a full sonth.

  A Annual for this station have been adjusted to represent the value for a full sonth.

  A Annual for this station have been adjusted to represent the value for a full sonth.

  Y Includes total for previous month.

  Y Observation time is 1000 a.m. E.S.T. of the following day.

  YAR This entry in time of observation column in Station index seams variable.

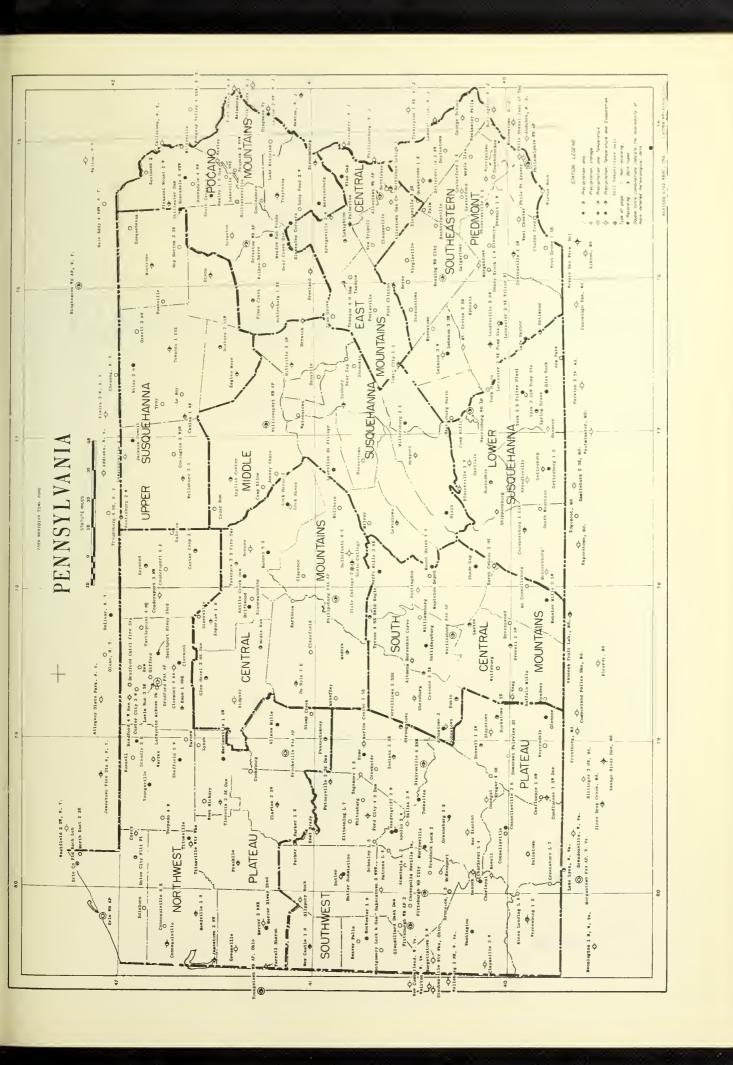
  This series in the U.S. for each sonth are described in the outleations Monthly Warning the U.S. of each sonth are described in the outleations Monthly Warning the seams a variable.

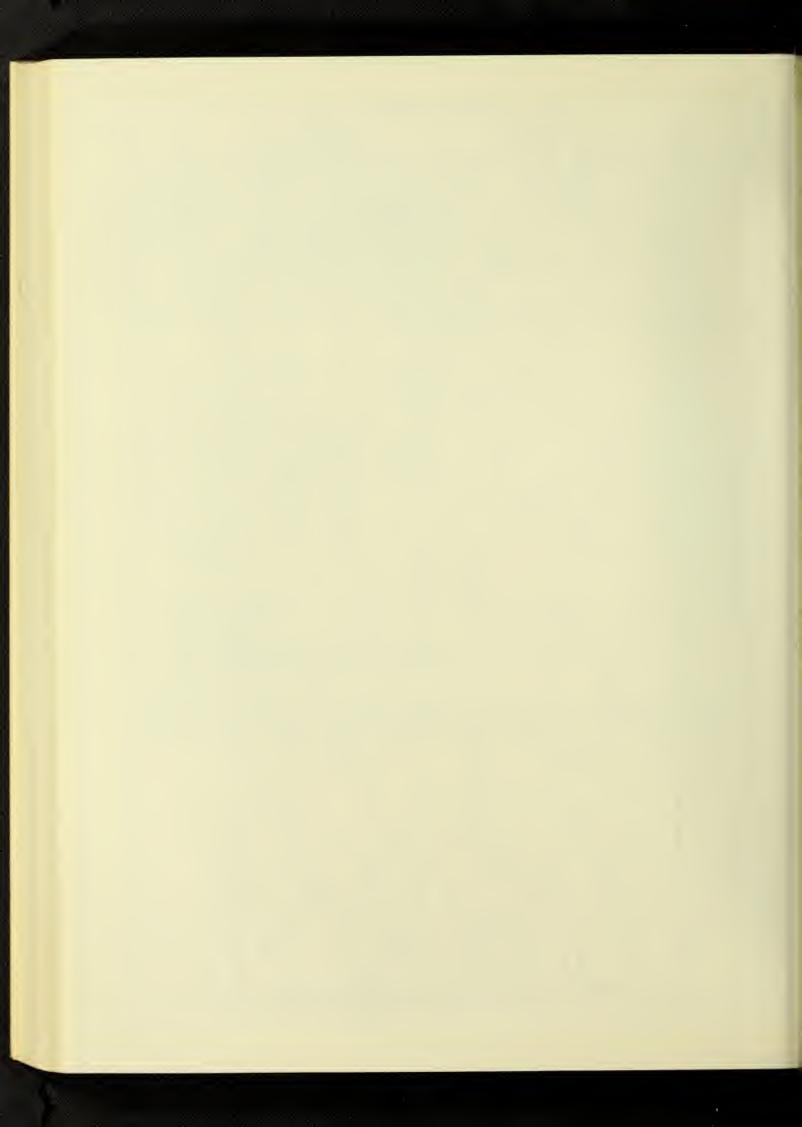
General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM OATA, all of which may be obtained from the Superintendent of Documente, Government Printing Office, \*\*ashington 25, D. C.

loformation concerning the bistory of changes in locations, elevations, exposurs, etc., of substations brough 1955 may be found in the publication "Substation Sistery" for this atexs. That publication may be obtained from the Superiotendeot of Occuments, Government Printing Office, Rashington 25, O. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the 1991 sounds issue of Local Climatological Outs for the respective stations, Outslood as indicated above, price 15 cents.

Subacription Price: 20 ceots per copy, monthly and anousi; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-A SHEVILLE---6-14-63 --- 1000





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#### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

## CLIMATOLOGICAL DATA

PENNSYLVANIA

MAY 1963 Volume 68 No. 5



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				rem	peron	J.		1	1	No	. of D	loys	+			i	recip		w, Sleet			to, of	Days
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NORTHWEST PLATEAU								$\dashv$		+	+	+	+							_	-		
BRAOFORO FAA AIRPORT 8RAOFORO 4 W RES CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE CORRY COUGESPORT 3 NW OU BOIS FAA AIRPORT EAST 8RAOY ERIE WB AIRPORT FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEAOVILLE 1 S MERCER 2 NNE TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN	63.6 67.0 71.0 64.9 68.2 68.1 66.3 75.6 63.7 74.4 71.22 67.2 66.4 67.6 69.8 68.8 65.9 70.1	37.7 37.2 40.8 36.6 40.3 40.5 36.0 42.8 43.2 44.1 47.7 41.5M 42.7 40.7 36.2 40.5 39.9 39.6 36.0	50.7 52.1 55.9 50.8 54.3 54.3 51.2 55.1 59.4 61.1 57.5 54.0 51.3 54.0 51.3 54.0 51.0 51.0 51.0	- 2.5 - 2.5 - 0.6 - 1.6 - 1.5 - 3.1	81 82 85 82 88 84 85 82 91 83 97 85 86 85 86 88 88 88 88 88 88 88 88 88 88 88 88	9 10 10 10 9 10 9	20 24 18 22 3 14 26 30 30 27 24 22 19 25 22 27	24 22 4 2 2 2 4 4 2 2 2 4 4 2 2 2 4 4 2 2 2 4 4 2 2 2 4 4 2 2 2 2 4 4 2 4 2 2 2 4 4 2 4 4 2 4 2 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4	442 400 289 449 349 349 311 198 350 273 253 348 430 347 309 338 436	000000000000000000000000000000000000000	000000000000	1114715971355336446147775445	000000000000000000000000000000000000000	2.86 2.59 3.08 3.03 2.70 3.65 3.40 2.02 2.36 2.97 2.16 2.38 3.93 4.90 3.85 2.98 2.98 2.98	- 1.33 - 1.52 - 1.48 - 1.38 - 1.90 - 1.63 - 1.58	.62 .966 .599 .595 .73 .755 .844 .7661 .777 .711 .833 .577 .933 .596 .600	29 21 10 29 29 10 25 29 28 10 11 28 29 29 11	.99 1.55 3.55 3.00 2.77 1.00 1.03 2.00 1.07 2.55 2.00 2.07 4.11 2.00 2.07 7 1.00 2.07	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 5 8 9 8 8 7 111 9 9 4 4 5 7 7 10 7 7 8 8 111 9 8	2 2 2 1 1 3 3 2 2 2 2 1 1 1 1 1 1 1 2 2 1 2 2 2 2	000000000000000000000000000000000000000
OIVISION			54.4	/																			
POCONO MOUNTAINS  BEAR CREEK OAM FREELANO HAWLEY PLEASANT MOUNT 1 W SCRANTON WS AIRPORT STROUGSBURG TOBYHANNA	65.1 67.6M 68.5 62.5 70.4 69.1 71.4	40.5 45.2M 39.5 38.6 42.5 46.4 41.0 40.7	52.8 56.4M 54.0 50.6 56.5 57.8 56.2 53.6	- 1.3 - 3.1 - 0.8 - 3.1	84 82 89 82 90 88 90 84	8 10 10 10 9	27 28 24 32 32 27	24 2 24+ 24 25+ 24 24+	378 275 348 448 276 236 280 357	0 0 0 0 1 0 1 0	0000000	7 2 5 8 2 1 7 8	00000000	3.27 2.50 3.57 2.85 2.44 2.56 3.38	- 1.53 75 77 - 1.51 - 1.45 - 1.14	•51	11 18 10 18	T .00			1	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 4
OIVISION			54.7	- 2.6										2.94	- 1.22			Т					
EAST CENTRAL MOUNTAINS		1										1						.			١.	Ι,	
ALLENTOWN WB AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON ZION GROVE	70.7 70.4 75.6 69.4 70.3	46.5 47.2 50.9 45.4 38.8	58.6 58.8 63.3 57.4 54.6	- 1.8 - 2.1 1.1 - 2.3 - 5.1	85 85 90 87 87	10 9+ 9	35 35 31	24+ 24+ 1 24 24+	206 206 130 240 326	2	00000	0 0 0 1 8	000000	1.67 2.60 1.94 2.45 4.35 3.07	- 2.41 - 1.49 - 1.91 - 1.43 16	•70 •78	18	T T • 0	0		4	6 3	0
OIVISION			58.5	- 1.4										2.68	- 1.64			Т					
SOUTHEASTERN PIEOMONT																							
COATESVILLE 1 SW OEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORD 1 E HOLTWOOD LANCASTER ZNE PUMP STA LANDISVILLE 2 NW LEBANON 4 WNW MARCUS HOOK MORGANTOWN MT GRETNA 2 SE NORRISTOWN PHIL OREXEL INST OF TEC PHILAOELPHIA PT BREEZE PHOENIXVILLE 1 E GUAKERTOWN 1 E READING W8 CITY WEST GROVE 1 SE	72.3 71.6 72.6 70.3 69.9 71.6 75.2 70.9 70.3 73.3 70.9 71.8 73.7 71.8 72.2 72.5 73.4 73.4 72.5 73.1	48.2 53.7 45.0M 44.4M 50.4 45.5	60.2 63.1 61.1M 58.9M 61.5 59.3 59.1M	- 2.4 - 1.5 - 2.1 - 1.5 - 1.8 - 3.2	900 891 87 88 91 92 92 88 90 91 92 91 91 92 91 92 91 92 91 92 91 92 91 92 91 92 94 94 94 94 94 94 94 94 94 94 94 94 94	9 10 10 10 10 11 11 9 9 11 11 9 9 10 10 9 10 10 9 10 10 10 10 10 10 10 10 10 10 10 10 10	32 34 31 32 34 36 31 29 34 35 39 30 31 36 30	24+ 24+ 24+ 24 24 3 3 2+ 1 1 1 1 1 1 2 24+ 1 24+ 24- 24- 24- 24- 24- 24- 24- 24- 24- 24-	216 214 179 241 267 159 230 214 129 225 154 152 175 144 204 147 201	1 0 0 0 2 2 1 0 2 0 1 1 2 1 1 2 1	000000000		000000000000000000000000000000000000000	2.61 1.35 2.01 1.84 2.08 1.17 2.29 2.23 2.86 1.11 1.59 1.59 1.42 2.73 2.13 2.13 2.13	- 2.08 - 1.61 - 2.62 - 2.55 - 2.75 - 1.45 - 1.96 - 1.96	66.66.66.66.66.66.66.66.66.66.66.66.66.	3 18 18 1 18 1 18 1 26 18 10 18 10 18 19 29	T T T		1		4667755665555665525666666	200000000000000000000000000000000000000
OIVISION			59.7	- 2.9										1.89	- 2.10	1		'					
LOWER SUSQUEHANNA	72.6	4.5	50 (	_ 2 1	01	1 11	32	13	193	2	0	1	0	3.28	- 1.0	1.9	8 18		0 0				1 1
ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG HANOVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	72.5 70.2 75.3 72.6 72.5 73.5 74.3 73.1 74.2 75.7	46.2 46.3 45.9 45.4 47.6 47.4 48.9 44.1 47.2 46.4	59.4 58.3 60.6 59.0 60.1 60.5 61.6 58.6 60.7 61.1	- 2.1 - 2.5 - 3.1 - 2.5 - 1.1 - 2.5	91 91 91 91 91 91 91 91 91 91 91 91 91 9	1 11 4 10 1 10 1 11 2 10 5 10 4 11 1 10	33 32 31 34 35 35 30 32	24 24+ 13 24+ 24+ 12+ 12	193 224 161 201 178 171 146 215 163	1 3 1 2 2 2 2 2 2 2	0000000	0 1 3 0 0 0 0 3	000000000	4.50 2.45 1.64 2.25 2.13 2.66 1.68 2.12	0 - 1.6 - 2.4 - 1.7 - 1.9 - 1.2 - 2.4 - 2.4	2 2.8 1.0 .6 .6 .6 .7 .7 .7 .8 .9 .5	7 18 5 18 4 17 8 18 2 18 0 29 4 18 1 18	T	0 0 0			6 6 5 4 6 7 5 5	2 1 2 1 1 0 1 1 2 0 2 0 1 0 1 0 1 0
OIVISION MIOOLE SUSQUEHANNA			3000																				
BERWICK ENGLISH CENTER LEWISTOWN MILLVILLE 2 SW NEWPORT	70.8 69.6! 73.0 68.0 73.7	43.6 36.4N 42.9 40.3 43.3	57.2 53.0N 58.0 54.2 58.5	1	9 9 8	8 10 1 10 2 11 5 114 4 11	25 25 32 28 32	3+ 25 24	374 232 338	4 1 2 2 3 0	000	12 1 5	00000	2 · 8 · 6 · 2 · 3 · 6 · 4 · 3 · 4 · 2 ·	3 5 7	1.0	3 18 1 18	T .	0		1+	7 7	3 0 5 4 1 4 1 2 1

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				Ter	nperoture	,											Proci	pitatian					
									1	Vo. of	Day	•						Sno	w, Sleet		_ ^	lo. of	Days
Station	Average Maximum	Average	Average	Departure From Normal	Highest	lcwest	Date	Degree Days		32° or X Below	32° or Below		Total	Departure	From Narmos	Greatest Day	Date	Total	Max. Depth an Ground	Date	.10 or More	.50 or More	1.00 or More
SUNSURY OWER CITY 2 E VILLIAMSPORT WS AP	72.1 67.5 70.6	41.0 41.7 45.3	56.6 54.6 58.0	- 2.4	92 1 84 1 93	1 2	8 24 7 24 1 24	269 322 237	0	0	4 4 1	000	4.28 4.93 4.91		.32	.91 1.92 1.32	18	•0 •0 T	0 0		8 7 9	4 4 3	1
OIVISION			56.3	- 4.4									4.44		.16			Т					
UPPER SUSQUEHANNA															Ì								
USTINBURG 2 W ANTON 1 NW 11XON AGLES MERE AWRENCEVILLE 2 S OWTROSE OWANDA 1 ESE ELLSBORO 3 S	65.7 64.2 70.5 63.1 70.8 63.8 70.8 64.0	39.1 40.4 39.2 41.7 40.7 39.2 41.2 40.2	52.4 52.3 54.9 52.4 55.8 51.5 56.0 52.1	- 1.8 - 2.3	85 10 83 10 88 10 85 10 87 83 10 89 85 10	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 2 5 24+ 7 24	391 395 320 388 297 416 282 401	00000	00000000	11 7 8 7 9 8 8 8	0000000	3.52 4.27 3.79 6.34 3.02 4.68 5.47 2.36	1	. 89 . 45	.97 1.24 1.01 1.47 .81 .80 1.70	26 18 26 26 18 26	T T • 3 • 5 T • 8 T 2• 0	T 0 0 1 0 T T	2 2+ 2 1	9 8 8 9 8 9 7 8	4 3 6 2 4 4	2 1 2 0 0 2
OIVISION			53.4	- 3.1									4.18		80.			• 5					
CENTRAL MOUNTAINS  ELLEFONTE 4 S U BOIS 7 E MPORTUM 1 N ARTHAUS OCK HAVEN ADERA HILIPSBURG FAA AP ENOVO IDGWAY TATE COLLEGE  DIVISION  SOUTH CENTRAL MOUNTAINS	70 • 7 69 • 5 65 • 9 70 • 9 73 • 0 68 • 4 65 • 3 73 • 3 68 • 3 69 • 5	42.9 40.7 36.4 37.1 41.5 35.6 39.5 36.9 37.8 45.6	56.8 55.1 51.2 54.0 57.3 52.0 52.4 53.1 57.6	- 4.1 - 3.0 - 2.3 - 3.3	91 10 85 10 85 10 90 10 90 10 86 10 83 10 90 10 85 10	)+ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 24 5 3+ 7 2 4 25+ 3 24 5 2	273 315 427 342 251 401 395 310 374 246	0 1 1 0 0 1	0 0 0	4 7 12 12 5 11 9 11 9	000000000	2.85 2.86 3.22 4.17 4.33 3.48 3.26 4.36 2.98 3.30	- 1 - 1		1.13 .63 .59 1.23 1.87 1.37 1.74 .59	18 26 18 18 18 17 26	T 2.00 2.00 1.00 T T 1.11	T T T 2 1 0 0 1 1 0 0 1 T T	1 1 1 1 1 1 1 1	6 9 8 8 6 8 7 7 10 7	3 3 3 2	0 0 3 1 1 1 2
LTOONA HORSESHOE CURVE URNT CABINS 2 NE BERSBURG VERETT 1 SW UNTINGOON OONSTOWN EGG ARTINSBURG FAA AP OIVISION	70.3 74.8N 67.3 69.5 72.7 69.6 71.7 68.8	43.9 43.5M 42.0 43.1 41.1 45.8 43.3 46.1	57.1 59.2M 54.7 56.3 56.9 57.7 57.5 57.5	- 2.0 - 2.1 - 3.5 - 3.2 - 2.6	90 9 90 11 84 9 92 11 92 11 91 10 91 31 87 9	+ 2: 2: 3: 3: 3: 2:	9 24+ 6 1 8 2+ 1 4+ 0 1 9 24	266 203 331 279 263 250 250	1 2 0 1 2 1 2 0	000000	4 5 6 6 9 3 4 3	00000000	3 · 64 2 · 43 2 · 64 1 · 74 2 · 26 2 · 31 1 · 33 1 · 87	- 1. - 1. - 2.	88	•63	18 18 19 18	1.0 .0 1.0 .5 .8 .0 T	0 0 1 0 1 1 0 T	1 1 1 1	6 7 5 5 4 6 5 6	1 1 1 1 1 1	1 1 1 0 1 1 1 0 0
SOUTHWEST PLATEAU  AKERSTOWN 3 WNW LAIRSVILLE 6 ENE URGETISTOWN 2 W UTLER  UNGER  ONFLUENCE 1 SW OAM ONEGAL  ONORA  OND CITY 4 S DAM NOIANA 3 SE ARION CENTER 2 SE ONTGOMERY LOCK ANO OAM EW CASTLE 1 N EWEL  EWEL  ITTSBURGH WB AP 2  ITTSBURGH WB AP 2  ITTSBURGH WB CITY  UNEYVILLE 2 SE OAM ALINA 3 W  LIPPERY ROCK TOYSTOWN AYNESBURG 1 E	71.66 68.2 70.4 70.00 73.4 68.9 68.2 75.7 70.6 71.4 68.7 74.3 73.2 73.5 72.4 71.9 8 69.5 71.9 70.7 66.0 71.8	44.9 46.5 39.0 41.1M 40.8 40.7 41.8 46.7 41.3 43.5 44.4 42.8 44.4 42.8 44.4 42.8 44.4 42.8 43.6 44.9 40.5 43.6 40.2 43.6 40.2 43.6 40.2 43.6 40.2 40.2 40.2 40.3 40.3	58.3 57.4 57.6 57.6 57.1 54.8 55.0 61.2 55.9 56.4 56.1 58.0 59.4 56.5 60.8 54.9 56.5 56.5 60.8 57.9 57.9	- 4.3 - 3.0 - 2.2 - 1.8 - 3.3 - 2.2	88 9 88 10 89 10 88 10 89 19 88 10 88 10 88 10 88 10 88 10 90 10 88 10 90 10 88 10 90 10 87 10 87 9 87 10 87 9 87 10 87 9 88 10	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5 1 2 2 2 2 4 4 2 2 2 3 3 4 2 2 2 3 3 4 2 2 2 3 3 4 2 2 3 3 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	236 257 321 311 261 314 317 154 294 279 286 196 242 198 272 271 162 271 162 271 264 241 360 170 293	000000000000000000000000000000000000000	000000000000000000000000000000000000000	63877762675454741953649	000000000000000000000000000000000000000	1.92 2.70 1.82 2.78 1.45 1.81 1.38 1.70 2.54 2.09 1.16 .76 1.70 3.57 2.21 2.96 1.66 1.66 2.03	- 1. - 2. - 1. - 2. - 2.	63 12 01 34 05	.35 .58 .50 .62 .85 .69 1.03 .50 .70 .90	17 18 15 17 17 17 18 18 18 29 11 18 18 20 17 11 18 11 20 17 11 11 11 11 11 11 11 11 11 11 11 11	1.9 2.0 1.0 1.0 2.0 3.0 2.5 1.4 2.3 3.6 6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	T 22 11 10 03 00 01 11 12 11 00 22 11 00 00 00 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	575 5735859765456778575	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OIVISION			57.1	- 2.9									2.08	- 2.	14			1.2					
											1											_	

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 9th at Farrell Sharon

Lowest Temperature: 14° on the 6th at Coudersport 3 NW

Greatest Total Precipitation: 6,86 inches at Long Pond 2 W

Least Total Precipitation: 0.76 inch at New Stanton

Greatest One-Day Precipitation:  $\,$  2,  $\overline{87}$  inches on the 18th at Bloserville 1 N

Greatest Reported Total Snowfall: 4.1 inches at Meadville 1 S

Greatest Reported Depth of Snow on Ground: \$4\$ inches on the 1st at Clarion 3 SW and Cooksburg

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	of M	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ACMETONIA LOCK 3 ALLENTOWN WB AR R ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE	1.70 1.67 2.60 3.64	*16 *01 *59 *09	T •01			т	т		0 1	.49	•35 •70 •02	.01 T .2B	12	T	.04 T	т		•07	.74 .54 .56 2.28	•17 •07 •05	† <sup>02</sup>	•37	•02 •14 •24			T •05	.08 T .01	т	*08	•01 •03 T •16	T •20	
ARENOTSVILLE AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM	3.52 1.92 3.40 3.27	.38 .08 .19 .22 .40	T •02 •02				T •02			-14	.22 .97 T .40	.08 .41 .02	ļ	•03	.02 T .01 .03	.04		•27	1.98 .51 .34 .26 .71	.14 .01 .50	•02 •65 •0B	.50 .01	•12 •20 •05 •16	•05	т		.05 .52 .31 .24			•07 •06 •06 •80 •02	.36 .20 .08	
BEAR GAR BEAVER FALLS BEAVERTOWN BECHTELSVILLE	1.91 4.50 4.12	.67 .19 .47 .55	•05 T				т				.60 T .45 .32	.50 T .18 .35			•16 •06 T	т			.98 .16 2.38 1.03 1.13	•21 •09 •06 •21	.15	.54 .16 .45	.08 .04 .48				.63 .06 .25			.05 .40 .04 .09	.45 .02 .39 .77	T .0
BELLEFONTE 4 S BERNICK BETHLEHEM BETHLEHEM LEHIGH UNIV	2.85 2.45 2.89 2.37 1.94	•65 •01 •82 T				•03 T				.21	.36 .71 .54	•22 •05 •17		•01	T T			•10	.67 .65	.01 .68	.07	.01 .16 .18	.0B			.02	•24 •52	•01 T	• 02	T • 45 • 01 • 38	.05 .01 T	
BLAIRSVILLE 6 ENE BLO5ERVILLE 1 N BO5WELL 1 SW BRA00OCK LOCK 2 BRA0FORO FAA AIRPORT	2.70 4.50 1.67 1.48 2.86	•20 •60 •17 •12 •07	T • 04			•03 T	т		т	•06	•30	.03 .25 .23 .01		*02 T	•05 •10	т		•55 T	.48 2.87 .68 .56	.02 .06 T	.39 .05	.03 .10 .30 .17	•12 •06 •05 •12	.01		•03	•02 •15 •15 •18	т	.04 .62	.06 .12 .03	.40 T T	
BRAOFORO CNTRL FIRE 5TA BRAOFORO 4 W RES BREEZEWOOD BRUCETON 1 S BUFFALO MILL5	2.50 2.54 1.00 1.13 1.23	.18 .20 .20 .25	•10			Т	•10		+04	*11 T	•18 •63	•38	Т		•02 •04	•02	•02		•20 •11	•03	.06 .47	•35 •30 •22 •05	•20 •04 •10 •02 •18	.06		T	.05		.05 .06	•32 •96 •05 •04 •03	•29	1
BURGETT5TOWN 2 W BURNT CABINS 2 NE BUTLER CAMP KLINE	1.82 2.43 2.78 3.95	•12					т				•10	.07 .25			•18 •02 •10				.69 1.10 .21 1.90	• • 15	•19	.38 .38	.06 .10				.03 .32 	-50	.01 .16 .03	.08 .10	* T	•2
CANTON 1 NW CARLISLE CARROLLTOWN 2 S5E CARTER CAMR 2 W CEOAR RUN	4.27 2.47 3.53 3.54 3.39	.04 .05	T •01 T •02								.23 .60 .60	.68 .16 .28			•02 •03			•20	.57 1.05 2.08 .76	•16		•30 •10 •22 •19 •35	.12 .15 .23 .30	Т			1.24 .25 .12 .56 .79		•17	.05 .06	.64 .01	
CHA005 FORO CHAMBERSBURG 1 ESE CHARLEROI LOCK 4 CLARENCE	2.25 1.64 1.84	•49 T •12	•05 T				т				•08	+25 T T			•02 •14 •03	•02		•64	1.05 .31 .85	.09	Ť	.09 .18 .35	.08	0.1		Т	.08 .14 T		•09	.09 .20 .08	.18	
CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELO CLERMONT 4 NW	2.59 2.33 1.45 3.33	•16 •51 •18 •12	.03								•11 •53 •10	•52 •25 •03 •06	т		.02 .02 .11 .02	•07 T			.35 .54 .51 1.12	.11 .04 .25	.02	•18 •45	•11 •13 •02 •14	•01	т		.05 .13 .03 .90		•09 •01 T •06	.31 .07 .26	.19	
COATESVILLE 1 SW CONFLUENCE 1 5W 0AM CONFLUENCE 1 NW CONNEAUTVILLE	2.61 1.81 1.42 3.03	•32 •10 •14 •37	•01 •02			.17	•02				•31	.44 T T .43			*08 *10	•35			.86 .27 .32	.01 .14		.68 .16 .19 .06	.07	.21			.01 .09 .07	•04	•30 •25 •01	.03 .32 .24 .73	.18 .02 T .09	
CONNELLSVILLE CONSHOHOCKEN COOKSBURG CORAOPOLIS NEVILLE 15 CORRY	1.53 1.75 2.91 1.52 2.70	.37	.07		1			Т		+12	•23 •27 •65	.03 T .34		Т	.06 .03	T •01		т	.72	.09	.47 e .41	• 19	.17	T • •08	T *		:	7 •36 1•31	.08 .02 .04	.37 .05 .75	•13	• 1
COUDERSRORT 3 NW COVINGTON 2 W5W CREEKSIDE CRE55ON 2 5E OANVILLE	3.65 3.43 	*15 *12	•02 •03 T			т	*02 T			•03	.84 .78 .05	.14 .54 .38 .16			T • 01 T	T			.3: .8: 1.7:	.06 .20	.04 T	.40 .35 .35 .12	•15 T •35	•06			.41 .78 .40 .05		•28 T	.18 T T .05	-	
OEVAULT 1 W OIXON OONEGAL OONORA OOYLESTOWN	1.35 3.79 1.38 1.70 2.17	•05	•03		ļ	т					•10 •76 •04	•56 T		.05	•10	Т		•56 •50	1.0	•33	.31 .35 .37	• 31	.08	•02		+04 T	.08 .25 .04 .07	•07	.03	.10 .03 .02	•01	
OU BOIS FAA AIRPORT OU BOIS 7 E OUSHORE 2 55W EAGLES MERE EAST BRADY	3.40 2.86 4.52 6.34 3.10	•16 •52 •68								•07	•53 •13 •98 •58			•02	•01 •02 T	•02 T		• 36	.6: .7:	.17 .02		.50 .48	.06			•76 •08	1.02 1.47		.55	•14 •36 T •12 •74	.08	
EBENSBURG EMPORIUM 1 N ENGLISH CENTER EPHRATA	2.64 3.22 6.23 2.01 3.69	•02 •12	T							.05	•53 •52	.20 .26 .11 .30			T •05 •01 •03 •16	•49			1 • 6 0 • 5 0 1 • 2 1 • 7 0 • 9 0	1.23	.08	•15 •24 1•30 •14 •15	.19	Ţ	Т		.07 .59 1.61 .35		.05 T T .08	7 •35 •02 •04		5
EQUINUNK 2  ERIE WB AIRRORT EVERETT 1 SW FARRELL 5HARON FORO CITY 4 S OAM	2.02 1.74 2.36 2.54	•02 •08 •05 •15				.03	т		т	•53	.04 T	.02 •18		Ť	•08 •01 •02		l	T .0:	.0	.19 .91 2 .21 2 .16	.45	•15 •36	.10 .04	•20		т	.39	T .08	•51 •18	.06 .08 .04	•11	2
FRANKLIN FREELANO GALETON GEIGERTOWN GEORGE 5CHOOL	2.97 - 3.43 1.89	•07	-			T				•02	.07 .60 .75	- •45 •37			• 0B		1		.7 .8 .6	.22		•27 •15	.17				.30 .53 .07		.05	•07	.30 .05 .08	3
GETTYSBURG  GLEN HAZEL 2 NE OAM GLENMOORE GLENWILLARO OASH OAM GOULOSBORO	2.25 4.25 1.85 1.75 2.67	•27 •39 •10	.01 .01				т				•04 •82	.13			•05 •05				1.2 .4 .9 .5	1 •20 2 •04 1 •17 8 •21	•12	.20	.01	•02	т		.68 .13	.08	+04 T	•55 T •20	.06	51
GRATERFORO  GRATERFORO 1 E GREEN580RO LOCK 7 GREENVILLE	2.06 1.29 2.16	•47 •44 •03 •25	•07			•06					.06	.40	,	т	•21 •02			•0	.4 .3 .4 7 .0	B .07	,	.32 .37	.05 .02				•06	• •07	•10 •83	•04 •06 •12		2
MANOVER HARRISBURG WB AP HARRISBURG NORTH HAWLEY HOLLISTERVILLE	2.13 2.66 2.50 2.81	• 56 • 36	03			Т				T	.42 .02 .33	+B0 +58 +66	3	Т	* 01 • 10 • 10	• 0 9		•6	1.6	6 1 • 03 7 • 35 8 • 17	i	.16 .02	T			•03	.14	+40 T	т	.02 .05	- 07	7 T
HOLTWOOD HONESOALE 4 NW HONEY BROOK 1 W HOP BOTTOM 2 SE	1.81 3.89 1.81 3.63	• 21 • 46	T T						1.01	т	•50	.10			•04 •13 •05	T		•0	1.0 .7 2 .9 1.3	9 .23	5	.05 .07 .06	.04	,			.04 .22 .05	: 5 +11	T	.01 .03	•16 •11	5 1 T 2
HUNTINGOON HUNTSOALE INOIANA 3 SE JAMESTOWN 2 NW JERSEY SHORE	2.31	•36 •14	.01			.06	т				.11 .40	•26 •01			•02 •02 •03				.0 1.3	6 .03 3 .09 2 .43 3 .31	•07 3 •43	.02 .30	.09	•02			.08	; з т	•12 •06	.04 .04 .57	.45 .12	5 2 8 5 T
JOHNSTOWN KANE 1 NNE KARTHAU5 KEGG	2.31 3.99 4.1	• 26 • 42 7 • 13	, T								•26 1•04	•15 •30 • •05	5 5		* 04 T	т		•6	.7	6 •27 3 •11 2	7 .05 L	•23	.20	+06		•10	.05 .26 1.08	3	.12 .04 T	.08 .93 .06	•37	7 7
KITTANNING LOCK 7 KRESGEVILLE 3 W	3 • 3 ·	014	т.								•56	1.00		• 0 3	•03				1.0	7 .43	3		.04				.,			.04		

PENNSTEVANIA MAY 1963

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Station	Total	1	2 3	T 4	5	6	7	8 7 9	10	11 1	2	Day 13	of M	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LAKE MINISINA LAKEVILLE 1 NNE LANCASTER 2NE PUHP STA LANDISVILLE 2 NW LAWRENCEVILLE 2 S	3.85 2.37 2.29 2.23 3.02	•90 •21 •50 •32 •15	T T +01				,	•09 T	.18 .38	.60 .53 .26 .38		T T	•20	T	L.	Т	1.27 .54 .57 .71	.60 .28 .01	T .38	.02 .06 .07	.08	т		•11	.03 .14 .11 .32	*02 T	.01 T	.0I .04	.04 .12 .21 .30	* * * * * * * * * * * * * * * * * * *
LEBANON 4 WNW LEMIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN	2.86 3.34 4.40 4.03 3.65	.49 .74 .20 .37	•07 •02			•02			.08 .48 .65 .45	.44 .30 .85 .98 T			•09 •06	•04			.46 1.40 .82 .08 1.03	.04 T .06 .56	т	• 45 • 42 • 23	.20 T T .24	•06			.71 .05 1.12 .26	т	• 36 T		.31 .25 .10	T .
LOCK HAVEN LONG PONO 2 W LYNCH WAOERA WAHAFFEY	4.33 6.86 3.74 3.48 4.08	.02 1.32 .06 .07 T	T •02 •03 •0	2	.01	•02 •03 T			.76 .94 1.00 .18 .25	.08 1.10 .72 .73			.02 .20 .10 T	T •02			1.87 2.70 .39 1.32 1.34	•19 •44 •28 •11 •27	T .16	.29 .35 .16 .27	*10 T *15 *14 *10	Ť			•92 •06 •32 •55	T	•10 T •27	.08 .03 .70 .15	T •03 •10	•
MAPLE GLEN MAPLETON OEPOT MARCUS HOOK MARION CENTER 2 SE MARTINSBURG FAA AP	2 • 13 2 • 26 1 • 11 3 • 14 1 • 87	•38 •16 •03 •19	.02 T		•01 T				•18 •12 •10 •22	•27 •37 T •67		Ť	+04 +02 T			•10	.62 .99 .32 .85	.02 .02	.08 .09 .11	.29 .10 .07 .27 .13	T •04 •04			•16	• 33 • 04 • 41 • 06	•15	•10 •11 •06	T •10 •20 •04 •05	.20 .15	•
MATAMORAS MC CONNELLSBURG MC KEESPORT MEADVILLE 1 S MEDIX RUN	2.65 1.95 1.23 2.33 4.16	.81 .11 .16 .34	.07 .08		T •04	Т			.32 T	.41 T T .01			•11 •09 T •01	•09			.41 .65 .04	.32 .04 .12 .04	.63 .34 T	.05 .29 .13	.26 T .08	*09 T			.09 .76		.04 .06	• 29 • 06 • 38 • 42	•11 •34 •36 •17	•
MERCER 2 NNE MERCERSBURG MEYERSOALE 1 W MILANVILLE MILLHEIM	4.90 1.82 1.33 4.12 3.30	•40 •15 •03 •48	T *04 T					т	•20 •01 •57 •42	T .94 .07			•05 •04 •16 T	•15 T			.84 .39 .99	T T •31 •24		.06 .04 .34	.25 .26 .26				.15 .04 .14 .57		.40 .09 .33	.70 .09 .18 .02	.05 .23	* * * * * * * * * * * * * * * * * * *
MILLVILLE 2 SW MILROY MONTGOHERY LOCK AND OAH MONTROSE MORGANTOWN	4.37 4.26 2.29 4.68 1.53	•92 •05 •31 •49	.08		т	.05 T .01		•07	•37 •06 •67 •28	.52 .91 .73 T			•04 T •02 •14 •02	т			1.21 1.91 .26 .80	•13 •14 •16 •50		.24 .43 .45	**************************************	т	T		.79 .15 .09 .10	•02	T T •02	T •08 •69 •07 •14	.67	.08 . .02 . T .
MT GRETHA 2 SE MYERSTOWN MATRONA LOCK & MESHAMINY FALLS NEW CASTLE 1 M	2.03 2.34 1.59 1.33 2.99	•53 •20 T	T T					• 35	.93 .06 .03	.01 .36 .11 1.03			*04 T *02			• 32	•45 •55 •26 •12	.49 .10	1 •14 •20	.05 .37	T • 09	Т			.40 .73 .27		.05 .06 T	•22 •27 •41	•17	•
MEWELL MEW PARK MEWPORT MEW STANTON MEW TRIPOLI	1.16 2.35 4.27 .76 3.29	•20 T •48 •20 •22							.02 .09	.48 .64		т	•15 •04 •10 T			т	.50 1.07 1.85 .34 1.15	•22	*15 *14 T	.01 .03 .14 .12	*05 T		}	т	*17 *22 T	т	.05 .06 T	•10 •16 •09	•22 •45	T .
NORRISTOWN NORTH EAST 2 SE ORMELL 2 NW PALM PALMERTON	1.59 2.16 5.75 3.42 2.45	•26 •25 •46	•03		.03	•01	T	•11 •09 •67 •34	•95 •25	•20 T 1•00		T	T •09	T •02			.55 .03 .65 1.12 1.30	.02 .07 .07	•35 •65	•20 •03 •42	T •07	• 02			1.43 .05	.03	,01	.02 .64 .06	.24 .06 .37 .20	.14
PARKER PAUPACK 2 WNW PHIL OREXEL INST OF TEC PHILAOELPHIA W8 AP PHILAOELPHIA PT BREEZE	3.16 2.73 1.55 1.06 1.19	• 33 • 45 • 02 • 01 • 02	•03		.06 T				.43 .47 .25 .13	•77 •51 T T		т	*01 *10 T	•03		•10 •11 •09	•21 •57 •26 •20 •31	•18 •18	.20 .17 .06 .04	.44 .08 .03 .04	•09				.08 .15 .07 .12	•02	•11 •10 •08 •05	.31 .06 .49 .23	.08	•
PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R	3.26 1.42 5.11 1.57 1.70	.07 .03 .48 .18	т		T			•16	*05 *16 1*I4 T	•06 •52		·04	T •14	т	1	·17 ·15 ·43 ·70	.44 .35 1.60 .19 .13	•26	.19 T .50	•23 •01 •12 •03 •02	• 04			•78 •11 •16	.02 .18 .61	.09 .01 T	•15 •01 •08 •15	T • 47 • 03 T	.08 T T	:
PLEASANT HOUNT 1 W PORT CLINTON POTTSYLLE PUTNEYVILLE 2 SE OAH DUAKERTOWN 1 E	3.57 4.35 3.52 3.57 2.73	•26 •75 •50 •21 •47	•01 •02					•04	.31 .87 .35 .05	•55 •45 •51 •90 •40			•12	•05 •04 T			.92 1.72 1.32 .63	.48 .07 .09	.09	.25 .03 .46 .09	•12 •04 •08 •32				.18 .34 .40 .78	т	*17	.03 .03 .15	.40 .19	T .
RAYHONO READING W8 CITY R REMOVO REW RICES LANOING L 6	3.07 2.13 4.36 3.85 1.66	•46 T •20 •50	•04		T T			•11 •05 •04	•34 •50 •49 •13	.08 .11 .62			T •01 •07 •19	•02 T		•13	•41 •69 1.07 •41 •83	.09	.03 T .36	•36 •12 •31 •07 •31	•27 •23 •26 •07	.05 .02 .15			.38 .23 1.74 .21		.01 .01 .12	•25 •40 •03 •50 •02	.02 .28 .03	T :
RIDGWAY RUSNVILLE RUSSELL SAGAHORE 1 S SALINA 3 W	2.98 5.18 2.84 3.54 2.21	•21 •39 •52 •15 •05	+12 T					•03	•59 •59 •17 •56		1	•04	.20 .03 .10	•02		• 26	•21 •77 •10 •60 •74	.10 .20 .05 .18	•03 •20 •10 •34	•54 •47 •20 •40	•12 •08 •10 •08	T •09	Т	• 24	.56 .72 .05 .10	-20	•01 •12 •15 •06	.30 .11 .30 .20	•11 •13 •28 •30	.10 :
SAXTON SCHENLEY LOCK 5 SCRANTON SCRANTON W8 AIRPORT SHAMOKIN	1.59 1.83 2.85 2.44 3.16	.08 .14 .37 .01	T T •01 T •05		т	Т		•55		•46 •03 •40	1		T •04 •15 •13	.17		•06	.50	T •16 •48	•41 •08 •09	•06 •10 •15	*14 *02 T			• 03	.26 .42 .12 .16	•73	•16	•05 •03 •07 •03	•06 •11	.31 .
SHIPPENSBURG SINNEHAHONING SILPPERY ROCK SOHERSET FAIRVIEW ST SOUTH HOUNTAIN	1.68 3.76 2.96 1.72 2.75	T •15 •14 •09 •40	T •03 •02		Т	т			.02 .81 .18 .33	*17 *25 1*10 T			T •01 •06 •02	т		•10	.91 .63 .18 .36	.05 .15 .05	T T • 08		.02 .17 .10 .12	Т			T 1.22 .01 .22 .04		•12 •06 •08	.28 .32 .22	.08 .02 .01	
PRING GROVE *TATE COLLEGE *TOYSTOM *TRAUSSTOWN *TROUOSBURG	2.45 3.30 1.67 3.17 2.56	•02 •19	T T •07		т	•05		.35	•11 •43 •02 •06 •58	•43 •25 •26		•01	T T	•02			.56 1.11 .30 1.41 1.35	.13	т	.34 .18 .53	•21 •25 •07 •10	Т			.01 .83 .31 .52		.02 .07	T •04 •10 •03 •05	.49 T	T :
TUHP CREEK JUNBURY JUSQUEHANNA 'AMAQUA 'AMAQUA 4 N OAM	2.41 4.28 3.53 3.82 3.63	.06 .78 .38 .70	T •02					.14	•02 •62 •02 •51 •44	•17 •78 •57 •62 •76			.05	•12	.04		• 91	.10 .23 .25 .20	Т	.42 .19 .49	•02 •03 •02				• 72 • 38 • 25 • 26 • 31	•13	•19	.14 .04 .01 .06	•22 •38 •31	.02 . T
10NESTA 2 SE OAH ITUSVILLE WATER WORKS '08YHANNA 'ORPEOO 4 W OWANOA 1 ESE	3.85 2.98 3.38 2.87 5.47	T	T T .04	•01	.04 .15	Т		•60 •29	.51	.15	1		•03 •01 •25 •03 •03	т			.38 .33 1.42 .14	.02		.44 .10 .25	•03	T •03 •12	• 05 T		•11 •05 1•70	•03	•05 •42 T •15 •05	• 40 • 51 • 06	.26 .03 .30 .02	T .
OWER CITY 2 E ROY URTLEPOINT 4 NE YRONE 4 NE BALO EAGLE INION CITY FILT PLANT	4.93 4.27 3.58 3.90 2.22	•71 •08 •26 •04 •23	•01 •07 T		.04	т		• 05 T	.82 .51 .55 .09	.69 .63 .64 .57	01			•01 •01 T			2.14	. 55		.10		.01 .07	•02		.38 1.14 .16 .64	•02	•03	•05	•20 •02 •29	.13
MIONTOWN  (ANDERGRIFT  'ARGINVILLE  'ARREN  IATSONTOWN	1.66 1.94 2.96 2.69 4.68	•17 •11 •94 •38	т		.03 .16			•22	T •66 •32 •51	T •24 •60 •14			.02 T	•02		•24	•57	•10 •07	.38	T .39	.13 .05 .15	T •04		T •21	.14 .24 .21 .02		.07 .04	.03 .06 .09	T .07 .03 .14 .02	•
IAYNESBURG 1 E IELLSBORO 3 S IEST CHESTER	2.03 2.36 2.19	-15	•03 T •06 T			Т		•01	₹ •25	•04 •23 •24 •0	02		•12 •01	T T					T T		•11 •12 •03		т		T •67 •04	Т	•02 •03 T		•01 T •20	:
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PENNSYLVANIA MAY 1963

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Station	otal														Day	of M	onth																
Station	To	1	2	3	4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WEST GROVE 1 SE WEST HICKDRY WHITESBURG WILKES BARRE WILL1AMSBURG	2.72 3.87  3.49 2.57	• 37 • 38 • 29 • 30 • 06	Т	3		1						•65 •13 1•20	•0 •1 •7 •3	8		*10 *18 *10	т			1.05 .45 .95 .52 1.45	•32 •24 •11	* <sup>24</sup>	•12 •25 •39 •D9 •19	*10 T	. 05	•01		•24 •17 •20 •30	.D8	•12 •10	•10 •60 T T •03	.95 .15 .43 .14	T
WILLIAMSPORT W8 AP WDLFSBURG YDRK 3 SSW PUMP STA YORK HAVEN ZIDN GROVE	4.91 1.67 2.12 1.70 3.07	+13 +17 +29	T			1	02	.01			• 35	•17 •50		D 5 0	•10	•02 •06 •03 •01			.80 .05	1.32 .78 .58 .38	,06 ,11	•32 •13	.07 .07 .24	*19 *D2 *O5 *D1			•45	.46 .08 .03 .17	•02	•02 •19 •01	•54 •10 •03 •03	1 •12 •33 •31 •32	•01
ZIONSVILLE 3 SE	3.61	•65										.71	•1	В						.81	-11		.56	•52				T	T		T	•07	

#### SNOWFALL AND SNOW ON GROUND

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Station		_		1	1	1				_				_		Day	of m	onth								7						
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ALLENTOWN WB AIRPORT	SNOWFALL SN ON GND	T																														
AUSTINBURG 2 W	SNOWFALL SN ON GND																															
BRADFORD FAA AIRPORT	SNOWFALL SN ON GND	.9 1										T											Т	Т								
BRADFORD 4 W RES	SNOWFALL SN ON GND	1.5																														
CANTON 1 NW	SNOWFALL SN ON GND	Т																														
CARROLLTOWN 2 SSE	SNOWFALL SN ON GND	1.0	Ť																													
CORRY	SNOWFALL SN ON GND	1.0																						Т								
DONEGAL	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	~	-	-	-	-	-	-	-	-	-	-	-
DU BOIS FAA AP	SNOWFALL SN ON GND	2.0	Т																													
DU BOIS 7 E	SNOWFALL SN ON GND	2.D																														
ENGLISH CENTER	SNOWFALL SN ON GND	Ť	Ť																													
ERIE WB AIRPORT	SNOWFALL SN ON GND	, 1																					Т									
EVERETT 1 SW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	~	-	-	-	-	-		-	-	-	~	~	-	-	-	~	-	-	-	-	-	-	-
FORD CITY 4 S DAM	SNOWFALL SN ON GND	1.0																														
GALETON	SNOWFALL SN ON GND	.5																														
GEORGE SCHOOL	SNOWFALL SN ON GND	т																														
GREENSBORO LOCK 7	SNOWFALL SN ON GND	T																														
HARRISBURG WB AIRPORT	SNOWFALL SN ON GND	т																														
HOLTWOOD	SNOWFALL SN ON GND		т																													
INDIANA 3 SE	SNOWFALL SN ON GND	1.4	т																													
KANE 1 NNE	SNOWFALL SN ON GND	2.0																														
LANCASTER 2 NE PUMP STA	SNOWFALL SN ON GND	Т																														
LAWRENCEVILLE 2 S	SNOWFALL SN ON GND	т																														
MARTINSBURG FAA AP	SNOWFALL SN ON GND	T T																														
MEADVILLE 1 S	SNOWFALL SN ON GND	4.1																														
MEDIX RUN	SNOWFALL SN ON GND	2.0	T																													
MONTROSE	SNOWFALL SN ON GND	T	, 8 T																						Т							
PHILADELPHIA WB AP	SNOWFALL SN ON GND	т																														
PHILIPSBURG FAA AP	SNOWFALL SN ON GND	.7																														
PITTSBURGH WB AP 2	SNOWFALL SN ON GND	1.B																														
READING WB CITY	SNOWFALL SN ON GND	Т																														
SCRANTON WB AIRPORT	SNOWFALL SN ON GND	.2	т																													
SHIPPENSBURG	SNOWFALL SN ON GND	т																														
TIONESTA 2 SE DAM	SNOWFALL	2.0	T																													
TOWANDA 1 ESE	SN ON GND	٠	T																						Т							
WAYNESBURG 1 E	SNOWFALL	. 8																														
WILLIAMSPORT WB AIRPORT	SN ON GND	1 T																														
	SN ON GND																															

#### DAILY TEMPERATURES

PENNSYLVANIA MAY 1963

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Ave
ALLENTOWN WB AP	MAX MIN	48 35	63 40	75 35	81	83 48	72 50	74 42	82 52	85 64	82 47	55 40	64 34	67 36	76 51	73 52	76 49	70 52	65 54	77 48	80 52	64 45	69 52	60 42	64 34	69 38	58 47	72 43	6 1 5 1	70 55	77 57	80 51	70.7 46.5
ALLENTOWN GAS CO	MAX MIN	64 39	43 35	63 36	76 44	82 50	84 51	73 44	75 53	83 62	85 63	83 46	54 35	63 38	61 40	77 53	73 49	77 53	70 55	66 48	78 54	82 47	65 53	71 45	60 35	64 39	70 45	58 43	73 47	62 54	71 57	77 51	70.4 47.2
ALTOONA HORSESHOE CURVE	MAX	55 28	62 28	78 37	81 45	76 51	72 44	72 36	84 50	90 68	88 57	74 39	61 29	60 36	77 45	64 42	79 40	72 46	68 56	75 45	69 49	61 39	60 47	55 33	65 29	64 39	68 50	63 49	6 4 5 2	76 58	72 52	74 43	70.3 43.9
ARENOTSVILLE	MAX	70 35	46 36	65 34	78 43	83 46	85 51	76 40	76 43	87 57	90 59	91 49	62 39	62 32	67 46	81 47	70 47	80 49	67 55	72 49	82 52	82 43	61 51	71 44	62 33	66 39	72 51	63 50	67 51	63 56	74 55	77 49	72.5 46.2
AUSTINBURG 2 W	MAX	69 28	41 29	59 27	73 39	78 50	65 28	66 31	70 45	80 59	85 55	81 32	40 27	59 28	62 40	71 45	65 36	74 37	69 51	67 45	70 44	60 31	67 40	57 34	23	64 30	70 42	60 39	69 52	62 55	72 47	69 42	65.7 39.1
BAKERSTOWN 3 WNW	MAX MIN	46 29	62 28	76 36	81	79 56	70 45	75 39	28 10	88 67	84	74 37	62 32	61	77 55	64 40	75 45	72 47	70 52	76 51	73 44	71 45	67 30	57 30	65 28	71 45	71 47	74 52	79 59	76 59	67 47	76 43	71.6
BEAR CREEK OAM	MAX MIN	59 31	38 29	57 26	71 34	78 43	74 38	69 30	70 45	80 57	84 58	79 34	43 35	58 28	60 45	72 47	65 38	73 44	66 52	62 39	74 46	70 37	63 48	63 36	52 25	64 29	61 45	56 35	68 48	57 50	63 53	70 49	65 · 1 40 · 5
BELLEFONTE 4 S	MAX	69 29	44 32	68 34	78 38	82 52	77 39	77 37	74 46	85 63	91 57	88 40	65 31	63 33	65 43	78 44	70 44	81 49	69 55	69 47	75 51	66 40	65 45	62 38	56 29	66 37	68 44	67 45	64 50	63 55	70 40	76 44	70.7 42.9
BERWICK	MAX	47 25	63 25	77 29	82 38	77 47	74 37	74 34	84 53	87 63	88 55	55 40	62 38	66	79 48	70 48	76 45	70 51	67 56	77 46	72 50	69 45	67 47	57 37	66 30	71 29	61 49	74 41	60 55	73 57	74 53	77 47	70.8 43.6
BETHLEHEM LEHIGH UNIV	MAX	58 35	65 38	79 40	87 50	90 56	77 54	80 48	87 60	90 68	87 65	65 42	68 37	71 40	82 44	78 54	84 52	75 55	65 57	83 57	88 61	68 50	73 55	63 45	67 37	74 40	59 51	78 59	64 53	74 58	82 60	82 56	75.6 50.9
BLAIRSVILLE 6 ENE	MAX MIN	41 25	60 26	78 42	82 52	70 55	68 47	72 43	82 54	88 65	84 65	65 34	58 35	56 46	75 53	62 41	67 50	69 55	64 51	72 50	61 51	70 44	63 40	52 31	68 33	70 47	68 49	61 48	76 52	72 59	69 49	72 48	68.2 46.5
BLOSERVILLE 1 N	MAX	62 34	45 35	61 40	72 43	82 50	80 50	76 42	76 49	82 62	88 59	91 47	63 34	63	61 44	79 44	70 47	79 50	65 54	70 48	78 52	74 44	59 48	67 39	60 33	65 43	69 50	6 2 46	66 52	61 54	74 54	76 50	70 • 2 46 • 3
BRAOFORO FAA AIRPORT	MAX	39 25	59 28	70 32	76 40	62 45	62	66 33	78 55	81 57	77 36	41 27	58 25	59 31	67 43	62 43	72 36	70 39	64 45	66 45	56 35	65 32	50 34	45 26	62 22	65 32	66 43	67 47	65 52	64 48	64 43	74 38	63.6
BRAOFORO 4 W RES	MAX	53 24	59 22	70 25	77 36	75 48	64 28	67 28	79 45	82 61	79 53	65 30	58 24	61 27	67 47	63 42	71 32	71 34	64	67 38	63 46	68 28	64	47 31	63 20	69 29	68 41	70 40	68 52	68 54	65 47	72 40	67.0 37.2
BURGETTSTOWN 2 W	MAX MIN	65 31	48 21	65 26	76 31	80 39	70 35	69 31	74 35	83 50	88 52	84 39	52 29	65 36	64 52	77 33	64 38	77 43	68 48	72 44	75 48	66 36	72 35	60 28	58 25	69 35	72 42	72 45	74 55	77 61	75 47	72 40	70.4
BURNT CABINS 2 NE	MAX	69 32	65 30	75 30	81 39	83 44	80 42		87 44	87 64	90 57	90 45	64		80 38	80 42	78 44	80 51	66 59	78 45		78 39	67 46	66 36	63 29	66 40	65 41	66 46	66 54	74 60	76 50	75 43	74.8 43.5
BUTLER	MAX MIN	64 29	47 26	63 29	71 31		81 42	70 34	71 41	84 60	89 60	85 37		64 30	64 51	70 45	6 2 36	76 44	73 50		75 51	65 36	72 40	58 34	56 26	69 35		73 44	72 54	77 60		70 43	70.0 41.1
CANTON 1 NW	MAX	64 30	47 30	57 34	57 34	75 47	65 35	64 39	69 41	79 57	83 56	80 30	54 30	50 30	59 40	73 46	67 40	70 45	65 50	65 40	70 50	62 40	62 40	59 34	47 23	60 32	64 45	55 41	67 45	67 52	67 50	67 45	64.2
CARLISLE	MAX	63 35	68 36	79 34	84 41	83 45	77 46	78 41	90 45	91 63	94 59	83 44	65 35	67 34	82 49	73 47	80 51	71 51	73 57	81 46	79 49	62 41	70 51	62 41	66 32	72 40	70 49	71 45	66 56	76 58	79 53	79 49	75.3 45.9
CHAMSERSSURG 1 ESE	XAM	50 35	67 31	77 33	83 40	82 46	76 47	76 38	87 46	89 63	91 56	70 45	61 32	65 34	81 48	70 47	79 48	65 46	71 58	80 46	75 51	60 42	69 50	62 42	66 31	70 40	67 55	68 48	66 55	73 55	77 53	77 45	72.6 45.4
CLARION 3 SW	MAX	47 26	64 24	76 28	82 37	78 40	70 37	74 31	84 40	77 69	85 56	70 36	65 30	63 36	73 53	65 40	77 38	76 40	70 52	73 42	68 50	72 37	56 37	55 32	68 25	72 36	74 45	71 45	77 55	73 56	69 47	78 44	71.0
CLAYSVILLE 3 W	MAX	52 31	65 21	76 27	80 35	77 43	72 37	74 32	83 36	89 57	85 55	71 39	65 27	64	73 59	74 33	77 40	75 42	72 54	76 43	72 50	72 35	68 35	60 26	70 25	71 37	88 52	76 46	76 59	73 61	74 49	75 40	73 • 4 40 • 8
CLERMONT 4 NW	MAX MIN	36 24	58 20	70 22	80 38	75 34	62 24	64 24	78 50	82 66	78 54	69 30	55 24	58 20	58 52	62 43	72 28	72 30	64 54	65 46	59 42	64 32	60 32	44 28	62 18	66 24	64 40	68 46	64 50	68 52	62 48	72 40	64.9 36.6
COATESVILLE 1 SW	MAX	68 37	43 34	65 32	78 40	84 45	86 52	72 43	75 47	86 51	92 59	92 47	57 33	63 34	67 42	77 51	74 43	79 48	69 56	70 45	81 54	84 45	64 52	73 45	60 32	66 35	70 42	59 43	73 45	63 53	73 57	78 52	72.3 45.0
CONFLUENCE 1 SW OAM	MAX MIN	67 28	46 25	60 27	75 30	79 38	75 45	70 36	73 37	82 43	86 56	84 39	55 31	65 33	63 52	75 38	64 42	79 44	66 46	70 44	73 47	63 39	69 40	61 34	51 29	70 32	64 44	72 54	61 54	74 56	74 55	70 45	68.9
CONNEAUTVILLE	MAX MIN	64	47 22	63 32	76 43	81 51	66 34	62 35	73 54	84 63	88 56	79 35	52 30	64 38	69 51	71 45	62	69 33	72 48	71 43	70 49	61 34	77 32	54 30	49	64 32	71 32	72 47	77 56	80 56	66 46	60 38	68.2
CORRY	MAX	45 26	61 23	73 30	78 41	74 52	62 33	69 34	82 56	84 64	78 56	61 33	62 28	62 37	70 51	65 45	70 35	73 37	68	70 46	60 49	69 32	52 33	49	66 24	72 32	74 34	74 46	74 54	72 56	65 48	76 41	68.1
COUGERSPORT 3 NW	MAX MIN	54 25	58 23	72 21	77 38	66 46	65 14	69 23	79 49	85 56	79 52	65 30	58 25	5 8 25	70 47	64 42	73 33	68 33	68 53	70 40	59 43	64	5 <b>7</b> 32	43 31	63	65 29	67 37	66 42	66 42	67 54	68 43	73 39	66.3 36.0
OEVAULT 1 W	MAX MIN	54 32	64 37	76 41	82 42	85 52	72 49	73 42	85 54	90 57	88 45	56 37	62 32	66 43	74 48	72 49	79 48	70 52	69 54	78 51	82 52	63 46	72 46	58 41	64 32	70 37	58 45	72 41	60	70 48	76 54	79 51	71.6
DIXON	MAX MIN		45 33	60	87 27	83 37	74 38	71 31	73 32	85 54	88	86 37	66 36	64 31	66 31	77 49	70 39	77 40	72 45	60 45	77 45	71 40	69 42	67 38	55 29	67 31	73 34	60	75 40	62 52	72 53	72 46	70.5 39.2
OONEGAL	MAX MIN	43 26	55 25	70 29	82 37	72 42	70 43	72 33	78 47	83 63	82 58	65 37	62 29	67 45	74 51	62 38	76 42	68 43	69 51	73 46	65 45	63 38	56 34	52 30	68 25	62	72 50	62 48	75 54	72 54	68 52	75 36	68.2
OONORA	MAX	57 30	67 29	79 35	83	79 50	76 46	77 40	86 51	91 68	89 61	80 40	68 34	67 49	79 59	77 43	81 45	78 49	74 54	78 52	75 51	75 42	72 43	62 34	71 33	70 46	74 53	73 51	78 58	78 62	75 51	78 45	75.7 46.7
OU BOIS FAA AIRPORT	MAX	41 26	62 29	72 38	77 51	69 49	70 41	69 39	80 55	82 63	81 43	53 34	63 31	59 39	70 46	65 43	75 41	75 46	65 50	69 48	60 45	66 38	54 38	51 32	66 26	69 46	70 45	66 47	71 54	<b>66</b> 52	74 49	77 42	67.3 42.8
OU 8015 7 E	MAX MIN		60 26	72	77 35	76 42	68 33	69 29	80 51	85 67	85 56	77 36	60 27	62	72 49	69 43	74 35	75 40	65 52	72 48	70 49	64 36	62 37	54 31	65 24	67 42	69 47	68	66 53	70 57	68 45	74 38	69.5
EAGLES MERE	MAX	60	33	56 31	71 40	7 <b>7</b> 55	68	66 38	70 45	79 54	85 57	80 31	41 31	55 37	60	70 43	63	69 50	64 53	60 41	70 46	59 46	62 43	59 32	50 32	59 38	63 46	54 42	65 44	59 48	64 49	66 48	63.1
EAST BRADY	MAX	61	65 26	79	83	82 42	75 42	75 34	87 44	91 67	89	82 38	67 32	68	76 55	74 45	80 40	79 44	73 53	76 44	72 52	75 41	73 40	60	70 30	75 38	74 49	75 47	78 57	80 59	71 50	78 45	75.6 43.2
EBENSBURG	MAX	52	58 27	73 30	76 40	72 45	69		79 43	84	83	62	58			61	75 38	70 44	63	71 47	66 48	62 36	58		65 27	66	67 49	60	69 51	73 57	68	72 40	67.3
EMPORIUM 1 N	MAX		41 23	60	72 30	77	68	67	70 33	80	85 57	80 32	49	61 28		72	64	73 38	71 42	65		61	66	56	48	65		67	66	63	70 45	69	65.9
ENGLISM CENTER	MAX	68	52	63	76	82	71 31	72	75 29	84	91	87	43	64	66	79	70	78 35	69	70	75	66	66		52		70	64	70	-		73	69.6
	1.114	71	2,5	20	20	,,	71	50	27	42	76	71	27	20	90	749												.,,				. 0	

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Station					4				_	•	10	1.	10	10			Of Mo		18	19	20	21	22	22	24	25	20	27	28	29	20	31	verage
EPHRATA	MAX	56	65	75	80	83	73	7	8 8 3	88	89	74	12	63	78	15 78	75	72	70	78	80	66	70	62	64	69	60	70	62	74	78	79	72.6
ER1E W8 AIRPORT	MIN	34 47	34 54	36 72	45 76	50 61	47 58	43 67	53 83	66 77	60	46	39 57	38 67	70	48 56	46 63	53 67	58 70	48 65	60 57	70	52 53	40	56	40 63	49 66	76	52 77	58 65	56 59	67	47.6
EVERETT 1 SW	MIN	31 72	30 40	66	54 76	44 85	39 77	45 70	64 75	57 84	37 89	36 92	34 60	64	48 64	72	64	82	50 63	51 74	70	70	38 60	35 62	51	40 64	40 64	72	59 67	54 68	64	72	69.5
FARRELL SHARON	MIN	28 56	71	31 78	33	80	70	35 79	50 89	97	58 85	70	72	34 66	76	65	73	50 75	74	46 72	55 68	74	42 58	39 59	74	32 76	48 83	61	52 79	52 69	53	51 84	43.1 74.4
FORO CITY 4 S OAM	MIN	66	31 48	63	75	57 80	70	70	72	72 84	88	38 85	38 57	64	58 64	76	63	76	58 77	70	74	74	72	60	56	68	71	73	73	61 76	74	71	70.6
FRANKLIN	MIN	47	64	75	34 81	40 76 47	69	72	39 84 49	59 88 49	59 81 59	39 72 36	30 66 30	35 63 37	73 55	42 65 47	39 74 39	40 74 42	71	73 49	52 71 50	71 38	68 37	33 55 37	30 68 27	32 74 48	45 75 49	70	77	57 70 45	50	68	71.2 41.5
FREELANO	MAX MIN	29	28 56 27	30 70 46	40 67 46	73 53	37 69 42	78 55	82 63	78 59	61	69 34	60	73 40	68	73 43	69	61	62	62	62	54 35	62	65	71	65	68	70 46	40 68 44	67	69 57	76 46	67.6
GEORGE SCHOOL	MAX MIN	67 39	45 35	64	72 40	82	85 45	67	76 51	83	87	81	53	52 34	63	73	73	77	74 59	70 47	79 53	83	69	72 48	60	62	70 49	55 38	62	72 49	72 59	78 51	70.3
GETTYS8URG	MAX	72 35	47 36	65	78 45	82 48	86 51	76 45	75 50	87 62	90	91 48	63	63	65	80	70 49	77 53	66	72	80 53	81	61	70	61	66	71 53	65	70 51	65 57	75 56	76 53	72.5 47.6
GRATERFORO 1 E	MAX	65 38	42	63	75 36	81	85 52	70 42	74	85 54	88	78 46	52	62	61	75 49	77	77	72 55	67 48	78 49	82	62	70	59	63	69 36	55 33	72 40	61	71 57	76 52	69.9
GREENVILLE	MAX	50 29	68	75 31	81	79	70 37	75 35	84	90 67	82	68 35	69 35	66	73 56	64	77	75 41	73 52	75 46	70 51	71 35	55 35	55	70 24	75 37	79 36	78 49	79 56	67 57	65 48	80	72.2
HANOVER	MAX	72 36	41	68	78 43	84	86 52	77 45	77	87 56	92 61	91 52	64	63	67	80	73 49	78 53	68	73 55	82 56	83 47	61	72 43	64	68 37	74 45	65 47	71 49	65 57	75 55	79 54	73.5 47.4
HARRISBURG W8 AP	MAX MIN	49	67	78 35	83	83	76 50	77	88	93	95 56	62	65	69	84 53	73 53	82	70 53	74 56	82 48	80 52	63	73 52	61	65 35	74 43	65	73 47	65 57	77	79 58	78 53	74.3 48.9
HAWLEY	MAX MIN	59 38	39 34	60 28	74 30	81 40	77 38	72 33	72 36	83 59	89	73 39	44	62 30	65 33	76 50	70 41	74 43	73 48	56 41	75 45	74 39	87 40	67 37	52 28	66 32	71 36	59 37	72 38	62 42	69 50	72 44	68.5
HOLTWOOD	MAX MIN	56 39	63 41	77 39	82	80 50	73 53	75 46	85 52	91 62	90 55	58 44	63	63	78 53	69 54	74 52	69 55	70 56	80 52	81 54	63 48	71 53	60	66 38	68	60 51	70 51	63 53	71 60	74 59	77 56	71.6 49.8
HUNT I NGDON	MAX MIN	73 31	47 31	68 31	81 31	85 41	85 41	77 35	72 44	86 48	92 59	91 45	64 32	65 32	67 32	80 42	70 42	80 42	67 49	75 45	77 50	67 41	68 41	67 39	60 32	68 32	70 40	68 48	67 48	65 55	78 50	75 45	72.7 41.1
INOIANA 3 SE	MAX MIN	47	62 23	75 28	79 35	75 42	72 44	72 32	83 40	87 60	86 54	72 39	64 29	64 37	77 54	62 35	77 37	75 43	69 53	74 41	65 48	70 36	65 42	56 31	69 27	71 42	74 51	68 45	78 56	75 59	72 48	77 40	71.4 41.3
JAMESTOWN 2 NW	MAX MIN	61 28	47 23	62 31	74 41	79 52	66 36	62 33	70 48	83 61	87 58	78 36	52 31	64 38	62 49	72 45	62 36	70 39	70 46	71 46	71 50	62 37	70 35	54 32	50 22	65 34	70 33	72 47	73 54	77 54	65 48	63 40	67.2 40.7
JOHNSTOWN	MAX MIN	69 30	46 31	65 33	60 42	64 47	77 52	73 40	75 50	87 72	91 62	89 41	54 35	60 39	66 51	77 48	68 45	81 48	60 50	67 48	76 54	66 40	69 47	64 39	58 31	57 43	60 36	81 54	66 55	80 57	74 55	77 45	69.6 45.8
KANE 1 NNE	MAX MIN	63 25	41 19	61 24	72 32	79 42	67 28	65 27	70 35	81 67	85 52	80 31	46 22	62	61 51	69	65 30	75 33	72 43	66 37	69 44	58 30	68 30	55 33	49	66 29	70 39	70 43	69 50	72 54	66	67 37	66.4 36.2
KARTHAUS	MAX MIN	72 30	46 25	66 25	76 29	81 37	75 32	73 28	75 31	84 42	90 59	86 39	60 28	66	65 32	77 41	69 37	80 39	70 43	70 45	75 46	66 39	67 39	60 33	55 26	68 28	72 36	72 44	68 49	65 54	75 46	74 40	70.9 37.1
KEGG	MAX MIN	47 32	59 35	78 30	82 40	78 44	75 48	74 38	84 43	90 66	89 54	70 35	66 31	62 37	78 46	67 42	82	68 47	70 50	76 43	66 45	59 37	63	59 37	68 29	61 40	71 50	63 46	73 55	78 59	75 53	91 44	71.7 43.3
LANCASTER 2 NE PUMP STA	MAX MIN	68 37	66 35	79 31	84 40	85 44	73 49	76 39	85 52	92 63	90 59	87 44	65 40	64 35	79 51	79 49	77 45	74 48	70 58	81 43	81 53	68 44	72 50	69 42	66 33	69 38	66 50	70 46	68 48	72 59	77 56	8 0 5 0	75.2 46.2
LANOISVILLE 2 NW	MAX	68 35	59 35	63 29	75 38	81 45	82 48	73 39	74 49	84 50	88 57	90 45	56 39	62 34	65 47	77 47	70 44	77 46	68 54	69	78 52	80 42	60 50	69 41	58 31	64 38	69 49	61 46	69 51	62 56	73 55	75 50	70.9 44.7
LAWRENCEVILLE 2 S	MAX MIN	64 32	59 25	72 25	81 35	74 47	69 28	72 28	83 50	87 61	85 57	81 34	61 27	64 28	76 50	65 48	76 38	73 38	69 56	75 45	72 45	68 38	61 43	53 38	69 25	70 30	59 48	68 48	67 50	74 57	72 45	75 44	70.8 40.7
LESANON 4 WNW	MAX MIN	66 34	43 34	65 39	74 47	81 54	82 49	75 46	74 47	83 54	88 60	89 44	57 38	62 41	65 44	78 47	72 48	76 51	67 54	69 50	78 57	76 47	60 49	68 41	59 35	64 40	70 48	60 43	69 45	60 53	73 55	76 51	70.3 46.6
LEWISTOWN	MAX MIN	76 35	46 34	71 34	82 34	85 42	82 42	79 40	78 38	89 47	90 62	92 50	64 36	62 35	66 34	81 48	72 46	80 46	68 51	72 47	78 45	69 44	66 44	67 43	59 33	67 32	70 42	67 44	68 44	65 56	75 54	76 47	73.0 42.9
LOCK HAVEN	MAX MIN	71 33	78 27	62 30	78 38	84 48	75 35	77 34	78 42	86 49	90 61	89 40	62 32	66 32	66 38	80 44	73 41	80 47	70 50	71 47	76 49	67 41	68 44	64 36	58 30	68 34	73 45	68 44	70 48	61 55	77 49	77 44	73.0 41.5
MAOERA	MAX MIN	70 26	42 24	62 24	75 25	79 34	73 39	70 29	71 29	83 40	86 56	84 38	56 27	62 28	63 40	74 41	65 36	75 36	72 41	66 40	72 40	63 34	65 34	57 32	53 24	65 24	69 38	68 46	65 45	69 52	73 45	72 38	68.4 35.6
MARCUS HOOK	MAX MIN	67 36	66 40	75 45	83 50	83 54	72 52	74 50	81 56	92 65	91 50	57 43	62 39	68 46	71 54	74 55	78 57	73 56	70 58	81 58	82 60	65 53	75 57	61 48	66 40	72 43	59 53	75 48	64 53	77 60	79 61	79 58	73.3 51.5
MARION CENTER 2 SE	MAX MIN	42 25	62 24	74 36	78 45	70 48	71 44	70 36	80 48	86 66	83 60	71 36	62 30	61 43	72 51	62 38	75 42	72 50	67 51	68 45	61 51	66 42	65 38	56 30	67 26	68 46	70 47	65 48	73 53	67 60	71 48	75 42	68.7 43.5
MARTINSBURG FAA AP	MAX MIN	45 29	62 33	77 37	80 46	78 51	73 46	71 37	82 55	87 65	86 59	64 39	59 32	60 46	77 46	63 48	77 46	65 56	67 51	73 51	63 51	59 44	62 43	58 37	64 30	63 44	66 49	64 52	65 51	76 59	74 53	73 44	68.8
MEAOVILLE 1 S	MAX	60 28	46 25	62 31	75 39	80 46	67 36	64 36	72 45	83 59	85 57	78 35	50 32	63 37	64 49	71 46	64 36	72 39	73 43	69 43	71 49	62 36	70 35	54 32	51 28	65 31	72 36	73 42	75 55	76 57	64 49	64 43	67.6 40.5
MERCER 2 NNE	MAX MIN	47 28	61 22	73 28	78 39	74 50	66 33	71 32	82 40	86 50	80 47	71 34	63 29	61 41	71 55	70 45	72 48	71 46	70 50	72 44	66 49	69 36	65 32	59 35	65 22	72 35	71 34	71 35	76 56	69 58	66 45	76 40	69.8
MERCERSBURG	MAX MIN	71 30	48 34	67 34	78 40	85 44	85 50	79 40	78 44	89 50	90 56	94 50	67 30	65 34	67 42	82 44	72 47	80 49	63 55	73 45	80 51	74 42	59 48	68 40	65 31	67 38	70 45	69 49	68 52	65 52	75 53	72 47	73.1 44.1
MILLVILLE 2 SW	MAX MIN	67 34	41 32	62 31	74 34	79 45	74 37	71 37	71 40	82 55	85 60	85 38	51 34	62 32	63 36	76 48	69 41	75 41	65 48	62 44	74 47	68 41	67 44	64 36	57 28	63 32	69 39	61 39	71 40	60 53	69 41	72 43	68.0
MONTGOMERY LOCK AND OAM	MAX MIN	50 32	66 27	77 33	81 41	79 50	70 46	75 37	84 47	89 68	86 58	78 40	65 35	65 47	76 57	73 42	79 42	77 46	74 55	76 47	75 52	75 42	75 39	60 33	70 30	73 28	74 45	75 46	78 55	76 61	73 51	78 45	74.3
MONTROSE	MAX MIN	61 30	35 28	54 31	72 31	77 47	65 36	65 36	67 37	77 57	83 56	80 31	37 30	57 33	62 39	70 44	64 39	70 43	70 50	57 45	71 47	61 37	66 38	61 34	46 27	62 28	68 39	56 39	70 41	59 48	68 49	66 46	63.8
MORGANTOWN	MAX MIN	57 33	65 37	73 33	80 43	67 50	81 51	82 42	82 52	88 53	84 48	62 40	66 31	62 38	76 48	71 48	74 44	66 51	67 55	71 47	78 36	65 43	68 54	58 43	63 32	68 37	65 49	69 41	67 50	72 57		76 50	70.9 44.8

#### DAILY TEMPERATURES

PENNSYLVANIA MAY 1963

Commercia																	-																
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	. 14	Day 15	Of M	Ion!h	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MT GRETNA 2 SE	MAX M18				5 82		74 48	64							77 48	70 48		68 47	69	79	79	75	68	69	64	70		70	61	72		78	71.0
NEW CASTLE 1 N	MA)	( 50	65	5 79	5 81	81	70 37		84	90	87	77		65	75	71	75 38	76	72	75 47	73 51	48 73 37	43 67 37	57 39	29 68 27	33 74 36	48 74 37	40 75 44	78	57 77	69	78	73.2
NEWELL	MAN MIM	68	53	3 73			76 45	74 38	77	86	92	89	55	68	72 56	78 39		80	70	72	77 52	66	74 42	60	62	74	68	75 48	57 74 59	80	76	74	73.5
NEWPORT	MAX M1N	71	44	71	181	87	81	80	81	89	91		62	66	67 36	81	75	82 48	68	73	82 47	74	62	72	62	70	70	66	69	62	73	78	73.7
NEW STANTON	MAX	( 49	64	66			72 42	65 35	80	90	90	88	66	67	69	71 37	73	75 45	74	73 47	67	74 38	63	56 37	72	71	76 45	70	80	78	70	78	43.3
NORRISTOWN	MAX M1N					87 54	74 52	75	87	91	90	55	64	68	77 52	75 51	80 48	75 54	68	81 51	86 56	64	74	61	66 37	72	58 50	32 75 43	63	74	79	80	73.7
PALMERTON	MAX MIN			77	81	80 49	72 43	75 38	82 55	87	81	48	61	65	75 51	71	75	67	62	78	75 49	63	69	59	62	68	58 49	71	60	68	59 75	78	48.8
PHIL OREXEL INST OF TEC	MAX					84 55	70 53	74	83	92	88		62	65	70 53	72 53	78	71	68	80	82	64	72 56	61	64	70	58	73 47	51 62 52	55 74 58	54	49	71.8
PHILAGELPHIA W8 AP	MAX M1N		65	74		82	71 48	72	82 55	91 65	88	57	62	67	71 53	74 47	77	73 54	70	79 50	84	64	73 53	60 46	64	70	60	74	63	77	80	79	72.2
PHILAOELPHIA PT BREEZE	MAX	58 39	66			85 58	70	75 54	82	91 68	91		62	66	69	72 55	77 58	72 56	68	77 56	82	64	73 58	64	66	73 49	50 58 54	47 76 52	63	75	78	78	72.5
PHILIPSBURG FAA AP	MAX	39	60	71	75	74 44	69	70	80 53	83	83		58 25	58	70 45	68	74	61	64	69	62 38	59 31	56	50	60	63	64	59 47	57	71	68	71	65.3
PHOENIXVILLE 1 E	MAX	65	65 34		83	84	76 52	74	84	90	89	86 34	87 32	89	85 52	76 45	78 42	75 51	69	79	83 53	70	72	71	65	47	70	73	72	72	78	78	39.5 77.1
PITTSBURGH W8 AP 2	MAX	47	63	74 38	78	67	68	71	82	88	83	53 38	62	61	75 49	60	75 41	71 47	70	74 50	65	71	58	56 56	66	70	50	72	75	75	55 71	76	45.0 69.2
PITTSBURGH W8 CITY	MAX MIN	49	66	77	81	72 56	71 50	75 46	85 59	91 72	86	55 40	64	63	78 56	63	79	72 53	73 56	77 58	48 68 55	75 47	40 62 48	32 59 40	70 36	70	72	71	77	77	73	77	43.8
PLEASANT MOUNT 1 W	MAX	58	35 29	53		76 46	67	64	62	76 56	82	71 33	39 32	55 27	61	69	63	69	61	55	71 41	66	64	62	45	62	67	56	69	56	68	65	49.6
PORT CLINTON	MAX	63	43 30	65 26	75 35	82	83	75 31	76 43	82 53	87	87 41	58	65	64 30	77 47	72	77 42	66	67	77	76 37	61 38	32 69 37	60 25	31 65 32	70 44	33 60 35	71	60	70	76	70.3
PUTNEYVILLE 2 SE OAM	MAX	64	46 26	63	75	79 45	71 40	71 32	72 38	83	87	83	59 28	63	63	74 39	61	76 40	75	70 47	73 51	65	71	58 31	55	67	71	72	69	50 75	75	70	38.8
QUAKERTOWN 1 E	MAX M1N	62 36	62 33	76 32	81	81 47	75 51	74 37	83	85	83	68	65 31	67	76 51	76 50	76 44	74 49	69	78 44	80	67	69	69	64	70	70	74	73	76	78	41	73.4
READING WE CITY	MAX	51 36	66 41	76 40	83	85 55	76 54	75 50	84	88	90	60	65	66	78 53	74	79 51	69	69	79 53	81 56	63	71 55	61	65	71 42	48 60 51	37 72 46	62	74	50 77	78	72.5
RENOVO	. MAX	75 28	45 25	69 26	80	81	76 33	76 31	78 32	87 45	90	88	62	69	67 31	81	74 38	82	73 40	72 43	79 44	69	71	65	58	70 28	75 33	71	70	63	78	77	73.3
RIOGWAY	MAX	64 27	44 21	64 25	73 28	79 39	70 33	68	72 34	82 59	85 57	80	51	58	63	72 45	68	78 38	75 43	68	71 51	62	69	57 33	52	67	71 36	73	69	53 72 55	70 45	71 42	68.3
SALINA 3 W	MAX MIN	47 33	62 24	75 29	79 39	77 45	70 45	72 33	82 43	87	85 57	79 38	62	62	75 44	73	77	76 43	70	74	72 50	71	69	55 30	68	69	71 48	70	75 55	74 61	75	75	71.9
SCRANTON	MAX MIN	67 35	41 33	60 34	76 34	82 45	75 44	73 40	74 41	85 59	90 62	86 36	45 36	63	69	77	70	78 45	76 52	62	78 53	74 45	71 45	69	51	68	72 39	61	77	64	75 55	74 52	70.4
SCRANTON WE AIRPORT	MAX MIN	46 33	59 37	74 34	80 48	72 52	70 41	73 41	83 57	88 64	83	51 39	60	66	74 49	68	75 44	73 54	60	76 51	72 53	68	66	53	65	71 42	58	74 41	60	75 57	71 55	78 52	69.1 46.4
SHIPPENSBURG	MAX MIN	63 34	65 37	76 37	80 42	80 49	75 46	75 40	87 52	87 70	91 59	90 48	63	63 38	80 48	76 45	80 48	78 48	70 58	80	79 50	70 43	70 52	65	67	69	68	68	67	64	76 53	77	74.2
SLIPPERY ROCK	MAX MIN	48 28	62 29	74 37	80 48	79 52	67	70 38	82 56	87 69	85	70 36	72 34	67	72 55	61	74 41	72 43	69 53	74 51	70 50	70	62	54 38	67	72	73 43	70 35	75 51	72 59	67 52	75	70.7
STATE COLLEGE	MAX MIN	68 29	44 31	65 38	76 46	81 54	75 45	74 41	73 49	83	88	87	62	62		76 47	67 45	80	65 57	69	74	65	64	60	54 32	67	67	66	65	64	77	74	69.5
STOYSTOWN	MAX MIN	67 26	42 27	58 29	74 39	78 44	74 45	69 35	70 37	80 54	85 37	53 28	59 34	61	73 40	61	76 42	60 46	66	65	72 53	61	61	58 33	54	65	63	67	57 48	53 73 52	73 46	70 39	45.6
STROUGSBURG	MAX M1N	50 31	63 31	78 30	83 39	80 45	73 41	77 36	85 49	90 62	80 46	52 34	64	69	75 47	72 45	78 41	70 45	60	78 45	79 43	67	71 46	57 35	66 27	72 32	62	77	62	67 53	76 50		71.4
SUNBURY	MAX MIN	72 34	44 34	67 30	80 31	84 42	78 39	76 35	78 36	86 53	86 60	92 40	56 37	66 33	66 34	80 47	73 42	79 40	67	71 44	79 45	70	68	68	62	67	72 42	65	72	62 57	73 55	76	72.1 41.0
TIONESTA 2 SE OAM	MAX	64 27	45 27	63 28	74 35	79 44	69 37	69 34	69 41	81 49	85 58	80 35	54 31	64	63 43	70	66 39	75 40	74 43	74 43	70 49	61	70 38	55 35	53	67	72 42	73	70 39	74 55	70 50	67	68.4
TITUSVILLE WATER WORKS	MAX M1N	43 24	59 20	70 24	75 33	70 48	62 29	65 29	78 42	81 62	76 50	61 31	62 25	62 30	66 50	61 42	69	70 33	68	67 36	67 36	67 31	52	48	65 18	69	71	68	73 49	63 53	62	73	65.9
TOSYHANNA	MAX M1N	55 29	57 28	71 35	78 36	73 44	68 37	69 38	78 50	84 62	73 56	56 33	57 33	59 29	71 43	70 44	69	65 46	60 50	69	73 55	62 32	63	56 32	60 28	64	61	66 32	63	65 50	68	74	66.4
TOWANOA 1 ESE	MAX MIN	57 32	60 29	76 26	82 37	75 49	69 32	72 31	84 47	89	85 34	72 35	60	66 31	74 50	67 49	74 41	73 43	65 55	75 43	73 45	70 39	63	58 38	63	70 32	65	72 41	70 51	73 57		74	70.8
TOWER CITY 1 S	MAX MIN	62 34	41 32	61 28	74 35	80 45		71 34	72 41	82 50	82 57	84 41	52 38	61	62 38	77 50	69	74 48	64	68	76	75 37	60	66	56 27	63	61	58	61	58 54	70 51	73	67.5
UNIONTOWN	MAX MIN	51 32	63 24	77 31	82 40		73 47	75 38	85 47	91 69	87 68	81 42	68	67 52	80 61	74	80	77 49	71 56	77 52	75 54	70 41	70	60		68 48	72 58	71 56	77	77 63		76	74.0 47.4
WARREN	MAX MIN	44	64 24	75 29	80 39	68 54	65	72	83 53	88	82 56	65	65	63	71 52	66	73 38	74 39	69 52	72 46			68	52	69	73 34	73 46	74	74	72 56		77	70.1
WAYNESBURG 1 E	MAX MIN	68 30	51 23	65	76 32	81	76	72 33	74 38	84	89 53	87 38	54	67 32	65 53	78 35	67	79 44	70 47	72 42	76	67	73 39	62	60	70 32	69 43	73	72 52	77 59	78 49	75	71.8 39.4
WELLSBORO 3 S	MAX MIN	66 26	37 26	57 32	72 40	77	65	65 37	70 41	79 56	85 57	81 30	40	58 30	59 42	72 43	64			64	70		62	57	47	62	64	57	64	57	70	68	64.0
					Ť	-								50	72	43			,	70	7,	37	72	33	20	51	44	43	46	51	47	44	40.2

DAILY	TEMPER.	AT	URES
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PENNSYLVANIA MAY 1963

Continued																			_														
																Day	Of M	onth															rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
WEST CHESTER	MAX M1N	64	50 30	67 39	78 46	87 45	87 50	73 44	77 49	87 55	93 60	92 43	58 32	64 38	69 47	72 47	76 49	80 50	70 52	68 48	83 49	85 48	64 49	76 42	63 35	68 37	73 46	59 41	74 46	61 51	72 54	76 56	73.1 45.5
WEST GROVE 1 SE	MAX MIN			62 42	73 46	81 49	83 54	70 44	71 50	83 56	90 60	82 46	34	61 38	64 46	71 48	72 49	75 50	68 54	70 50	78 58	79 48	62 51	70 43	58 34	64 38	68 47	58 45	70 47	61 53	70 58		70.8 47.4
WILLIAMSPORT W8 AP	MAX MIN	44 35	64 33	78 33	84 41	75 49	74 44	77 38	86 50	93 65	88 59	59 40	64 35	63 35	79 49	70 50	75 45	67 51	69 52	77 45	65 49	67 44	65 48	58 37	65 31	68 37	61 51	70 45	61 55	72 58	73 52	77 49	70.6 45.3
YORK 3 SSW PUMP STA	MAX MIN	70 37	65 33	77 31	83 40	83 45	81 52	75 37	84 51	91 62	91 58	90 46	63 39	67 34	76 50	78 50	77 48	76 50	71 60	80 47	80 53	70 44	70 50	70 40	66 31	71 39	70 53	71 41	71 54	74 61	78 55	77 47	75.7 46.4
ZION GROVE	MAX M1N														63 50	75 49	68 39	75 39	65 55	66 43	75 45	75 39	65 41	66 38		66 31	68 37	60 39	70 40	58 52	70 52	73 42	

### EVAPORATION AND WIND

																I	Оау о	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BEAR CREEK DAM	EVAP WIND MAX MIN	.10 118 57 35	.04 151 37 30	.21 107 59 33	.28 70 68 38	.30 69 75 46	.17 69 72 44	.27 59 74 42	.30 75 72 44	.36 137 70 51	.34 73 79 60	.30 123 81 41	.08 102 43 36	.20 65 64 36	.22 125 65 41	.17 121 65 45	.25 81 70 45	.22 48 76 47	.11 158 66 51	.02 39 57 46	.33 92 73 49	.10 55 60 45	.13 88 65 47	.27 106 66 39	.18 81 61 38	.21 53 72 39	.22 86 73 43	.06 37 55 41	.25 91 74 44	.04 81 55 48	.02 61 65 53	.25 92 75 52	6.00 2713 65.9 43.5
8ELLEFONTE 4 S	EVAP W1ND MAX MIN	.21 180 67 39	.04 89 41 35	.20 65 70 36	.31 74 75 41	.33 87 82 49	.12 30 74 46	.30 52 80 43	.25 100 78 44	.49 180 80 63	.30 81 82 58	.40 40 84 40	.16 149 70 40	.24 49 73 41	.22 133 64 42	.28 126 74 47	.14 59 80 44	.27 53 82 51	.12 108 73 55	.10 92 68 50	.36 86 77 51	.10 61 66 47	.14 98 65 54	.25 111 62 38	.13 57 68 39	.22 50 76 39	.14 48 74 46	.15 65 75 50	.17 94 73 55	.07 73 60 55	.19 52 74 42	.14 64 80 52	6.54 2606 72.5 45.8
CONFLUENCE 1 SW DAM	EVAP	* 127	.04	* 49	.42	.21	.08	.32		.34	.19	.32 130	.10	.23 58	.02 55	.00	.10	.24	.28 47	.12 53	.26 52	.06 39	.03 40	.19 76	.15 57	.10 25	13	.21	.22	.22 36	.09	.19	4.98 1781
FORD C1TY 4 S DAM	EVAP WIND	-	106	12	- 87	.20	.10	.26		.40 166	.22	.38	.13 57	.18		.33 127	.14	.19	.06 74	.16 73	.24 79	.12 51	.19 50	.19 86	.19 58	.17	.16 43	.15	.20 84	.09 42	.14	.15 49	8 5.73 1892
JAMESTOWN 2 NW	EVAP WINO	126	.12	.12	.19	.06	.25	.17		.28	.19	.18	.09 86	.15	.04 51	.19	.10	.17	20	.12 53	.20 42	.10	.13	.07	.12 32	,16 25	.13	.18	.18 62	.09 43	.06 43	.12	B 4.27 1455
KANE 1 NNE	EVAP WIND MAX MIN	-	-	-	=	=	- - -	- - -	=	.16 99 80 45	.22 28 80 59	.21 56 79 45	.08 27 55 39	.15 26 73 39	.04 34 58 42	- * -	* -	103	.19 29 68 58	.07 32 67 47	.11 35 74 52	.12 21 60 42	.16 33 71 41	.06 41 61 40	.07 26 56 36	.09 20 75 36	.17 21 71 43	.12 17 74 51	43	.16 28 69 56	.09 17 66 54	.10 25 73 51	=
LANOISVILLE 2 NW	EVAP WIND MAX MIN	135	.16 160 42 34	.29 122 65 35	.23 41 78 38	.27 25 84 48	75 86 51	.26 99 82 45	.30 9 80 46	.24 93 79 53	.21 59 84 59	138 88 46	.21 151 65 38	.20 47 76 39	- 129 72 41	.27 113 77 47	.27 83 76 48	.25 63 82 50	.06 121 66 52	.07 27 67 50	.26 58 82 51	.26 61 79 47	.02 30 61 48	.15 68 85 43	.30 82 68 38	.20 32 79 32	.26 95 79 46	.08 48 62 48	63 77		.04 48 75 57	.24 69 83 53	

#### DAILY SOIL TEMPERATURES

PENNSYLVANIA MAY 1963

CTATAON AND OFFICE	TIME									-						Day	of mc	nth															rage
STATION AND DEPTH	IIME	1	2	3	4	5	6	7	θ	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	20	29	30	31	Ave
ERIE CO FIELD RSCH LAB																																	
8 INCHES	MAX MIN	50 47	52 47	54 49	56 52	58 55	58 54	59 54	60 57	62 59	62 57	57 53	57 53	56 54	58 56	59 55	61 55	60 57	61 58	60 57	59 57	59 55	57 55	55 53	56 51	58 53	60 55	62 58	63 60	63 61	63 61	66 59	58.7 55.1
LANOISVILLE 2 NW																																	
2 INCHES	в Ам	44	43	44	46	50	50	51	52	54	55	55	51	50	53	53	53	44	55	54	56	54	54	54	51	52	55	54	55	56	58	58	52.1
STATE COLLEGE 2																																	
2 INCHES	MAX	48 42	59 39	66 42	69 48	65 53	71 48	71 48	71 53	76 61	77 59	70 53	72 46	63 48	68 52	72 51	79 50	65 52	65 58	72 54	64 57	62 l 51	63 53	62 49	70 46	66 52	68 55	65 55	59 57	68 58	68 57	77 55	67.5 51.7
4 INCHES	MAX	50 44	53 40	58 44	62 49	59 53	63 50	63 50	63 54	67 58	70 59	63 56	64 50	58 51	61 53	63 52	69 53	61 57	61 58	65 55	61 58	59 53	59 54	58 51	63 49	6 I 54	64 55	62 56	60 57	64 58	64 58	70 56	61.9 53.1
8 INCHES	MAX	51 46	50 43	54 46	58 50	56 53	59 52	59 52	59 54	62 57	65 59	63 57	60 53	57 53	58 54	59 54	64 54	61 58	60 58	63 56	60 58	58 55	58 56	57 53	6 I 51	59 55	61 56	61 57	60 57	62 57	63 59	66 58	59.5 54.2
12 INCHES	MAX	51 47	48 45	50 47	53 50	53 52	54 52	55 52	55 53	57 55	59 57	59 57	57 54	56 54	56 54	56 54	58 55	58 57	57 57	59 57	59 57	58 56	57 56	57 54	57 53	57 56	58 56	58 57	58 57	59 57	60 58	61 58	56.5 54.3
16 INCHES	MAX MIN	50 48	47 46	49 47	51 49	52 51	53 51	53 52	54 52	55 54	57 55	58 56	56 54	55 54	55 54	55 53	56 54	57 56	57 56	57 56	57 57	57 56	56 56	56 54	56 53	56 55	56 55	57 56	57 56	58 56	59 58	59 58	55.2 53.8

ERIE CO FIELO RSCH LA8 - MAX ANO MIN FOR 24 HOURS ENOING AT MIONIGHT.
SLOPE OF GROUNO: FLAT. SOIL TYPE: LAKE TERRACE CLASSIFIEO AS CONOTTON GRAVELLY LOAM. GROUNO COVER. RYEGRASS
ANO NATIVE WEEOS, MOWEO SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

LANOISVILLE 2 NW

- SLOPE OF GROUNO, GENTLE SLOPE TO THE WEST. SOIL TYPE, OUFFIELD CLAY LOAM. GROUND COVER, PERMANENT BLUEGRASS SOO WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION; WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2

- MAX AND MIN FOR 24 HOURS ENOING AT MIDNIGHT.
SLOPE OF GROUND: GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE: HAGERSTOWN SILT LOAM. GROUND COVER; KENTUCKY BLUEGRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER.

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. <b>h</b> .		Relati	ive hum	idity ave	rages -		Numi	per of d	ays with	precipi	tation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	60:-10:	.10–.49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN W8 AIRPORT	NNW	12	10.3	37++	NW	20	76	75	46	54	8	3	3	1	0	0	15	-	5.4
ERIE W8 AIRPORT	WSW	10	12.4	32++	SSE	13	76	74	55	58	6	8	2	2	0	0	18	-	5.8
HARRISBURG WB AIRPORT	WNW	13	9.2	29	N	10	66	68	46	47	7	1	5	2	0	0	15	71	5,5
PHILAGELPHIA W8 AIRPORT	WSW	16	9.8	34	NW	20	70	69	47	52	3	4	5 °	0	0	0	12	65	5.8
PITTS8URGH W8 AIRPORT 2	WSW	11	9.4	30++	WNW	14	76	79	51	55	4	4	4	1	0	0	13	60	6.4
READING W8 CITY	-	-	11.3	54	Е	10	-	-	-	-	5	2	4	2	0	0	13	59	5.2
SCRANTON W8 AIRPORT	NNW	14	8.8	31	SE	10	66	72	48	52	3	8	3	2	0	0	16	58	5.8
WILLIAMSPORT W8 AIRPORT	WSW	10	8.0	31++	WNW	18	75	77	46	52	2	5	6	2	1	0	16	-	6.4

		NO.		<b>↔</b>	- E	DE		TIM	RVAT Œ AN	ID:			NO.		DE TE	DE	NO	TII	ME I	ATION AND		963
	STATION	INDEX N	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	ABLES	SPECIAL DES MOTES	OBSERVER	STATION	INDEX N	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	-	ABL	SPECIAL ST	OBSERVER	
	ALLENS MILLS ALLENTOWN MB AP ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE APOLLO 2 W AREND75VILLE AUSTINBURG 2 W BAKERSTOWN 3 WNW	0099 0106 0111 0134 0204 0229 0313 0355	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR WESIMORELAND ADANS TIOGA ALLEGHENY WARREN	1 40 1 41 9 40 9 40 6 40 7 40 15 39 15 42 1 40 1 41	12 39 36 30 35 55	79 49 78 55 75 26 75 28 76 29 79 36 77 18 77 32 79 59 79 02	254 1500 1060 710 1590 1230 1310	41D M1 7A 6P 6P 8A 7A 3P	7A	СН	CORPS OF ENGINEERS CHARLES H. ALLEN U.S. MEATHER BUREAU LENIGH VALLEY GAS DIV. ALTOONA WAIER BUR. EUGENE R. YOUNG PA. SIATE COL. EXP.STA. OTTO D. BACON PGH. CUI FLOWER CO. CORPS OF ENGINEERS	KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NHE LANCASTER 2 NE RUMP SI LANCASTER 2 NE FILT PL LANDISVILLE 2 NW LAURELTON STAIE VILLAC LAWRENCEVILLE 2 S LEBANON 4 WMW LEBANON 3 SW	4727 4733 44758 4763 4778 564853 4873 4893 4896	LANCASIER UNION TIOGA LEBANON LEBANON	9 40 54 5 41 13 5 41 27 15 40 03 15 40 03 15 40 07 15 40 54 15 41 59 15 40 21 15 40 19	75 34 75 03 75 16 76 17 76 17 76 26 77 13 77 07 76 29 76 28	720 1360 1440 255 270 360 880 1000 590 490	8 4	6P 7A	BAC G	CITY OF BETHLEHEM MRS. 1RENE FOREMAN MRS. GLADYS REINEKE LANCASTER WATER BUR- PA. STATE COLLEGE RA. DEPT. OF WELFARE MARRY R. HOWLAND LEON MILLER THOMAS DONNACHIE	
,	BELLEFONTE 4 S BERNE BERWICK 8ETHLEHEN	0457 0475 0482 0488 0530 0599 0611 0629	LUZERNE NORTHUMBLAND BEAVER SNYDER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON NORTHAMPION	15 40	46 45 22 51 31	75 44 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23 75 22	325 570	84	3P 7A 7A 7A 8A 8/ 7A	c J	CORPS OF ENGINEERS ROARING CREEK WAIER CO. HOWARD RS. KEMP HARLIN RS. ETTINGER PAUL WS. FISHER ROCKYIEW RRISON FARM FLOYD WS. TRUMR BERWICK IND DEV ASSOINC CITY OF BETWLEHEM LEMIGH UNIVERSITY	LEMIGHTON LE ROY LEWIS RUM 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN LOCK HAVEN LONG POND 2 W LYNCH MADERA MAHAFFEY	4972 4984 4992 5104 5109 5160 5275 5336 5342	CARBON BRADFORD MC KEAN MIFFLIN CLINTON CLINTON MONROE FOREST CLEARFIELD CLEARFIELD	9 40 50 15 41 41 1 41 50 6 40 35 16 41 08 9 41 03 1 41 36 16 40 50 16 40 53	75 43 76 43 78 39 77 35 77 27 77 27 75 30 79 03 78 26 78 44	580 1040 1740 480 680 630 1860 1295 1460 1280	7A 7A	7A 7A 7A 7A 7A 7A 7A	0 00 0	GOODMIN S. DEFREMN LEAMON M. BAUHAN RUSSELL LINEMAN AMERICAN VISCOSE CO. JOHN P. FREY HUGH F. PARKER THOMAS MECKES CORPS OF EMGINEERS MRS. JULIA J. SHOFF MISS ELLEN J. HILES	
	BLAKESLEE CORNERS BLOSERVILLE 1 M BOSWELL 1 SW	0736 0743 0763 0821 0861 0865 0867 0868	PERRY INDIANA MONROE CUMBERLAND SOMERSET ALLEGHENY MC KEAN MC KEAN MC KEAN BEDFORD	15 40 9 41 15 40 1 40 10 40 1 41 1 41 1 41 6 40	27 06 16 19 24 48 57 57	77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44 78 14	1650 650 1810 725	6A M10 M	8P 7A 7A 1D 8A 5P	с с н	PA DERT. FRST, + WTRS- US. WEALHER BURCAU WALTER WILLDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPI- BRADFORD WATER DEPI- PA. LURNRIKE COMM.	MAPLE GLEN MAPLEION DEPOT MARCUS MOOK MARIENVILLE 1 SW MARION CENTER 2 SE MARTINSBURG FAA AR MATAMORAS NC CONNELLSBURG MC KEESPORT MEADOW RUN PONDS	5390 5400 5408 5454 5470 5526 5573 5601	MONTGOMERY MUNT INGDON DELAWARE FORES1 INDIANA BLAIR PIKE FULTON ALLEGHENY LUZERNE	5 40 11 6 40 24 5 39 49 1 41 27 1 40 45 6 40 18 5 41 22 12 39 56 10 40 21 15 41 13	75 11 77 56 75 25 79 09 79 02 78 19 74 42 78 00 79 52 75 40	170 161 1463 439 915 720 1995	MID	74	c	FRANCES E. SCHEIBNER MRS.1. S. BUCHANAN SUN DIL CO. ROY A. HARRER CORPS OF ENGINEERS FED. AVIATION AGENCY HARRY BISLAND DAVID W SHIVES UN U.5 CORPORATION GEORGE PEARAGE	
	CAMP KLINE CANTON 1 NW CARLISLE	1073 1087 1105 1115 1130 1135 1203 1215 1234	ALLEGHENY SOMERSET BEOFORD WASHINGTON HUN1 INGDON BUTLER LYCOMING BRAOFORD CUNBERLANO	10 40 6 39 11 40 6 40 2 40 2 40 16 41 15 41	04 57 23 05 52 51 16 40	79 59 78 50 78 39 60 26 77 52 79 54 79 53 77 20 76 52 77 12	1065 2460 1318 980 990 1100 1140 590 1520 465	7A 5P 8A 7A 6P	7A 7A 5P 8A 7A 7A 7A	C H H	AUSTIN R. COOPER ALVIN W. HANGES CLIFFORD C. ADAMS SMITH TMP. MUN. AUTH. PA. JURNRIKE COMM. WALLACE A LOZA WEST PENN POWER CO. LESLIE D. OOWLING MRS.MILDERD SPENCER CARROLL G. MILLER	MEADVILLE 1 S MEDIX RIN MERCER 2 NNE MERCER HINAY SHED MERCERSBURG MERVINSBURG MEYERSDALE I M MILAN 2 N MILANY LLE MILLERSBURG 2 E	5627 5651 5654 5662 5676 5686 5731 5738 5775	CRAWFORD ELK MERCER MERCER FRANKLIN MONROE SOMERSET BRAOFORD WATTE DAUPHIN	1 41 38 16 41 17 2 41 15 2 41 14 12 39 49 9 40 58 17 39 45 19 41 56 5 41 40 15 40 32	80 10 78 24 80 13 80 15 77 54 75 28 79 02 76 31 75 04 76 56	1065 1100 1160 1250 615 985 1960 770 760 560	7P 8A	8A 7A 7A 8A 9A 8A	00000	H CITY OF NEADVILLE MRS.E. N. SNYDER MRS. FRAM. STRUTHERS PA. DEPT. HIGHMATS ROLLIN P. GILBERI ARIWUR A. SMITH E T C SNYDER CHARLES E. SIROUD CHARLES W. DAVIS RUSSELL SMEPLEY	
	CARROLLTOWN 2 SSE CARIER CAMP 2 W CEDAR RUN CHADDS FORD CHADDS FORD CHADERSBURG 1 ESE CHARLERO1 CHARLERO1 CLARENCE CLARING CLARION 3 SW CLAUSSVILLE	1262 1301 1342 1354 1372 1377 1480 1485	CAMBRIA POTTER LYCOMING DELAWARE FRANKLIN WASHINGTON WESTNORELANO CENTRE CLARION LEHIGH	16 40 16 41 16 41 5 39 12 39 10 40 10 40 16 41 1 41 9 40	37 31 52 56 08 09 03	78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26 75 39	2040 2030 800 170 640 1040 749 1390 1114 670	90	8A 7A 7A 7A 9P 7A 7A 7A 8A	CCCC	ROBERT F. MAURER RICHARD L. MENKEN KATHRYN T. KREIGMBAUM E. EARL TOUCHTON CHARLES A. BENOER WESI PENN ROWER CO. CORPS OF EMGINEERS MRS. SUSAN VERBITSKEY RA. ELECTRIC CO. WILLIAM J. DOTIERER	HILLHEIM MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND D MONTROSE MORGANTOWN HT GREINA 2 SE HOUNI UNION 1 N MURRYSVILLE MYERSTOWN	5817 5825 AM5902 5915 5956 6028	CENTRE COLUMBIA MIFFLIN BEAVER SUSDUEHANNA BERKS LANCASTER MIFFLIN WESLMORELAND LEBANON	15 40 53 15 41 06 6 40 43 11 40 39 15 41 50 15 40 14 6 40 24 10 40 26 14 40 22	77 29 76 34 77 35 80 23 75 52 75 54 76 26 77 53 79 42 76 18	670 820 900 480	7A 5P 7A MID MID	8.8	c c c c	MEVIN E. BOWERSOX KENNETH LEIGHOW THOMAS C. HARBESON OORS DF ENGINEERS H RALPH TAYLOR PA. 1URNEIKE COHM. PA. 1URNEIKE COHM. MIT. UNION WATER WORK DAYID C. SHAW MRS.KATHLEEN WANDELL	
	CLAYSVILLE 3 W CLEARFIELD CLERHONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW CONFLUENCE 1 NW CONFLUENCE 1 NW CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE CONNELLSVILLE 2 E	1519 1529 1534 1589 1705 1710 1720	WASHINGTON CLEARFIELD MC KEAN MC KEAN CHESTER SOMERSET FAYE77E CRAWFORD FAYE17E FAYE17E	11 40 16 41 1 41 5 39 17 39 6 41 17 40	1 41 1 44 2 58 2 48 2 50 1 45	80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 79 36 79 33	1000 1100 2104 1620 342 1490 1331 1000 870 1300	5P 8A 8A	7A 7A 8A 8A 8A 8A 8A 8A 8A	C AC C	MFGRS. L. + M. CO. IRA TAYLOR MRS. TILLIE M. SIMONOS MRS. TILLIE M. SIMONOS MRS. TILLIE M. SIMONOS MRS. TILLIE M. SIMONOS COORDS OF ENGINEERS JOHN L. REID S. CARLYLE SMELDON MARSMALL B. MENEFEE HARRY C. JOY	NATROMA LOCK 4 NEFFS MILLS 3 NE NESHANINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWPOR7 NEW STANTON NEW STANTON NEW IRIPOLI NORRISTOWN	6174 6194 6233 6246 6289 6297 6310 6326 6370	ALLEGMENY MUNTINGDON BUCKS LAWRENCE FAYEITE YORK PERRY WESIMORELAND LEHIGM MONTGOMERY	1 40 37 6 40 40 5 40 05 2 41 01 10 40 05 15 39 46 29 10 40 13 14 40 41 14 40 07	79 43 77 55 74 57 8D 22 79 54 76 30 77 08 79 36 75 45 75 21	780 400 980	5 5P	6P 7A HID	c	CORRS OF ENGINEERS AN SIATE UNIVERSITY RHILA, SUB. MATER. CLEWIS W. HAMILTON GENERAL CHEMICAL CO. CLINTON J. ALLEN MRS. FRANCES K. FRY RA. 1URNRIKE COMM. FRED C. O. SVALD BOROUGH OF MORRISTON	co.
	CONSHOMOCKEN COOKSBURG CORAOPOLIS MEVILLE IS CORRY COUGERSPORT 3 NW COUGERSPORT 6 E COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE DAWYLLE	1749 1773 1790 1806 1809 1833 1881 1895	MONTGOMERY CLARION ALLEGHENY ERIE POIIER POITER TIOGA INDIANA CAMBRIA MONTOUR	11 40	1 20 30 1 55 1 49 1 46 1 44 0 41	75 19 79 13 80 05 79 39 78 03 77 53 77 07 79 12 78 34 76 37	70 1180 720 1440 2020 2425 1745 1035 2540 460	6P 7P	8A 8A 6B 6B 8A 8A 77 7A	С	PHILA. ELECTRIC CO.  PA. DEPT. FRS1 WTRS.  PGM. COKE + CHEM. CO.  RICHARD T. MOUNIAIN  MISS ELIZABEH MEFF  MRS. MENRIETTA D DEILER  CALVIN R. PACKARD  CORRS OF ENGINEERS  FRED A. PLEMREL  MRS. MARIE H. LITILE	NORIH EAST 2 SE NORIH PMILADELPHIA AR ORWELL 2 NW PALM PALMERTON RARKER RARKER 1 E PAUPACK 2 WNW PHIL DREXEL INST OF T PMILADELPHIA WB AR	6622 6681 6689 6721 6724 6762 EC6879	ERIE PHILADELRHIA BRADFORD MONTGOMERY CARBON ARMSTRONG CLARION PIKE PHILADELPHIA	8 42 12 5 40 05 15 41 55 14 40 26 9 40 48 1 41 05 1 41 06 5 41 24 14 39 57 5 39 53	79 49 75 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15	1100 1360 30	MID	8A HID	c c	ELLSWORIM MEAVER AIRRORT GUARDS ELMER T. MOORE MAS HELEN ESCHBACH NEW JERSEY 21NC CO. LOUIS A. MALARKEY MISS L. WETTERLEIN FRANCIS % DAVIS. JR HJ U.S. WEATHER BUREAU	
	OEVAULT 1 W DIMGMANS FERRY DINON DONEGAL DONORA OVILESTOWN DRIFTWOOD DU BOIS FAA AIRPORT OU BOIS 7 C DUNLO	2160 2171 2183 2190 2221 2245 2260 2265	CHESTER PIKE MYOMING MESIHORELAND WASHINGTON BUCKS CAMERON JEFFERSON CLEARFIELD CAMBRIA	16 4	1 13 1 32 0 07 0 10 0 18 1 20	75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 54 78 38 78 43	430 750 1746 900 358	MIO H	7A	O C H H	RA. 1URNRIKE COMM. 1MONAS A. MOTALEN MAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES KARL W. HISIAND SIDNEY KENNEDY FED AVIATION AGENCY CITY OF DU BOIS MRS. D. L. MHITE	PHILADELPHIA PT BREEZ PHILIPSBURG FAA AP PHODENIXVILLE 1 E RIKES CREEK PITISBURGH WB AP 2 PITISBURGH WB C;11Y PLEASANT MOUNT 1 W PORT CLINIOH POTTSY LLLE PUNXSUTAWNEY	6916 6927 6939 6993 6997 7029 7116	PHILADELPHIA CENIRE CHESTER LUZERNE ALLEGHENY ALLEGHENY SETUYLKILL SCHUYLKILL JEFFERSON	5 39 55 6 40 54 14 4D 07 15 41 18 11 40 30 11 40 27 5 41 44 14 40 35 14 40 42 1 40 57	75 12 78 05 75 3D 76 08 80 13 80 D0 75 27 76 02 76 11 79 00	191 100 132 115	1 MIO 9 MID 0 8A 0 7A	MID 7A MIO MID	0 000000000	ATLANTIC REFINING COMPTION AGENCY PHILAS SUB. WATER COMPTION AGENCY HOLLON BATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU HALLIAM POLIVKA HRS. ADA E. RARICK LLOYD C. WELLER CARL E. ROIOLO	OMH.
	DUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG ED INBORO ED INBORO ED INBORO EMPORIUM 1 N ENGLISH CENTER EPHRATA EOUINUNK 2	2343 2363 2466 2514 2519 2635 2644 2662	SULLIVAN SULLIVAN CLARION CAMBRIA ERIE CRAWFORD CAMERON LYCOMING LANCASTER WAYNE	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	59 0 29 1 52 1 50 1 32 1 26	76 25 76 35 79 37 78 43 80 08 80 14 78 14 77 17 76 10 75 13	191D 2020 820 2090 1220 1140 1560 880 465 910	5P 7P 8A	8A 7A 5P 7A 8A 8A 7A 6P 7A	СС	ROBERT J. OBERT FRANCIS B. MANLEY A. B. KEMPEL ROBERT A. WASSER EDIMBORD SI. 7CHR. COL- MRS PALLA J TAUIN MRS. TALLIE M. BRITON MILLIAM SUDERS STANLEY L. VON MEIDA MRS. HENRIETTA MURRY	RUTNEYVILLE 2 SE DAM QUAKERTOWN 1 E RAYMOND READING WB CITY REMOVO REMOVD 5 S REW RICES LANDING L 6 RIGGWAY ROCHESTER 1 N	7239 7310 7318 7409 7410 7425 7443	ARMSTRONG DECKS DECKS CLINION CLINTON MC KEAN GREENE FELK BEAVER	1 40 55 5 40 26 13 41 52 14 4D 20 16 41 20 16 41 14 1 41 54 10 39 57 I 41 25 Z 40 43	79 17 75 20 77 52 75 58 77 45 77 46 78 32 8D 00 78 45 80 18	26: 66: 203: 225: 77:	0 SP 0 7A 0 7A 5 0 8A	7A MID	C C C	CORRS OF ENGINEERS DENNIS K. FLUCK MRS. RACHEL LANGAN MUSS. WEATHER BUREAU ELMER G. BATSCHELET C. F. BILLETTE EDWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIDGWAY DEOUESME LIGHT CO.	
	ERIE CO FIELD RSCH LAB ERIE WB AIRPORT EVERETT I SW FARRELL SHARON FORO CLIV 4 S DAM FRANKLIN FRELLAND GALETON GEIGERTOWN GEORGE SCHOOL	2682 2721 2814 2942 3028 3056 3130 3189	ERIE BEDFORD MERCER ARMSTRONG	8 4 0 4 1 4 1 5 4 1 6 4 1 4	1 44	79 51 80 12 78 23 80 30 79 30 79 49 75 54 77 38 75 50 74 56	740 732 1020 855 950 987 1900 1365 400 135	7P 8A 6P 6P	88	C H	FIELD RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPINE COMM. SMARON STEEL CORP. CORPS OF ENGINEERS RICHARD A BEITH ANDERW B. EVANSMA STANLEY G. LUSH WALLEY G. LUSH WALLEY G. LUSH GEORGE M. MART	RUSHVILLE RUSSELL SAFE HARBOR SAGAMORE 1 S SALINA 3 W SAXTON SCANDIA 1 E SCHENLEY LOCK 5 #- SCRANTON SCRANTON WB AIRPORT	7729 7732 7739 7782 7846 7855 7863 7902	7 SUSOUEHANNA 9 WARREN 2 LANCASTER 9 INDIANA 2 WESTMORELAND 5 BEDFORD 5 WARREN 3 ARMSTRONG 2 LACKAWANNA 5 LUZERNE	15 41 47 1 41 56 15 39 55 1 40 46 7 4D 31 6 40 12 1 41 55 1 40 41 15 41 25 15 41 20	79 1A 79 33	132 110 78 210 78 78	0 0 9 6P 0	VAR	CCC	CARL KOPAT2  NIEE L. FERRIE S.M. WATER POWER COI CORPS OF ENGINEERS MUN. AUTH. WITHRLD. HRS. ALVERIA L. HOL CLARE C.WITHERITE CORPS OF ENGINEERS U.S. POST OFFICE H. U.S. WEATHER BUREAU	CD 4
	GETTYSBURG GETTYSBURG 1 S GLENCOE GLEN HAZEL 2 NE DAM GLENHOORE GLEN ROCK GLENWILLARO DASH DAM GOULDSBORO GRATERFORO 1 E	3223 3298 3311 3321 3330 3343 3394 3435	ADAMS ADAMS SOMERSET FLK HESTER ORK LLEGHENY ATNE MONTGONERY MONTGONERY	15 3 11 4	9 48 9 49 1 34 0 06 9 48 0 33 1 15	77 14 77 14 78 51 78 36 75 47 76 44 80 13 75 27 75 27 75 26	54q 530 162D 1725 440 620 705 1890 155 24Q		9A 8A 7A 7A 7A 7A 7A	c c c	HUGH C. MC ILHENNY NATIONAL NILITARY PARK NRS. NARY M. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER NRS. E. C. HC MILLIAMS CORPS OF ENGINEERS DANA L. SHAY CHARLES A. LEISTER STATE CORRECTIONAL INST	SELLERSVILLE 2 NW SMADE GAP 2 NE SMADKIN SMEFFIELD 5 W SHIPPENSBURG SINNEMAHONING SIZERVILLE SLIPPERY ROCK SMETHPORI HIGHWAY SHI SOMERSET FAIRVIEW ST	7965 7978 8026 8073 8145	B BUCKS 5 HUNLINGDON 8 NORTHUMBLAND 6 WARREN 3 FRANKLIN 5 CAMERON 6 CAMERON 6 BUTLER D MC KEAN 6 SOMERSE1	1 41 42 15 40 03 16 41 19 16 41 36 2 41 04 1 41 46 17 40 D1	79 08 77 32 78 05 78 11	92 77 192 70 79 123	D D D D 9 4 P 0	7A 7A	ic	SELLERSVILLE WATER HAS, HELEN HO PUE ROARING CREEK WATER WILBUR R. NORDIN H KEITH & ALLEN MRS. FRANCES CALDWE MRS. AGNES LION H RAYMOND E. NILLER PA. DEPT: MIGHWAYS HOWARD G. PECK	CO.
,	GREENSBURG LOCK 7 GREENSBURG 2 E GREENVILLE HANDVER HARRISBURG WA AP HARRISBURG NORTH HAMLEY 1 S DAM HOLLIOAYSBURG HOLLIOAYSBURG HOLLIOAYSBURG	3526 3662 3699 3704 3758 3761 4001	GREENE WEST MORELAND MERCER YORK YORK DAUPHIN WAYNE WAYNE BLAIR WAYNE	6 4	1 24 9 48 0 13	79 55 79 31 80 23 76 59 76 51 76 54 75 10 75 11 78 24 75 26	808 1225 980 600 335 323 880 1200 960 1360	88	7A 6P 8A M1D 9A 7A	C #	CORPS OF ENGINEERS PA. DEPT- HIGHWAYS C. EAR MILLER HANGVER EVENING SUN U.S. WEATHER BUREAU GEORGE S. BEAL MRS. KATHERINE BATES PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO.	SOUTH CANAAN 1 NE SOUTH MOUNTAIN SPRING GROVE # STATE COLLEGE STATE COLLEGE 2 STILLWATER DAM STOYSTOWN STRAUSSTOWN STRAUSSTOWN STROUGSTOWN STROUGSTOWN STROUGSTOWN	8308 8375 8445 8452 8491 8566 8576	S WAYNE  B FRANKLIN  YORK  CENTRE  CENTRE  SUSOUEHANNA  DERKS  INGIANA  MONROE	5 41 31 12 39 51 13 39 52 14 40 48 16 4D 48 15 41 41 4 40 06 14 40 29 4 40 33 5 40 59	76 11	117 118 164 180 60	0 D 5 7A D 5 9A	9A 8A	c	EUGENE M. COOK PA. DEPT. OF MEALTH P. M. GLATFELTER CO PA. STATE UNIVERSIT CORPS OF ENGINEERS VERNOM MONG JACOB KLAMR MARRY F. BENNETT WILLIAM MAGERTY	
,	HOLTWOOD HOME HONESDALE 4 NW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESTALE 5 NW HOP BOTTOM 2 SE HUNTINGOON HUNTSDALE HYNOMAN LNOLANA 3 SE	4019 4027 4043 4044 4047 4066 4159 4166	LANCASTER INDIANA WAYNE WAYNE CHESTER	15 3 1 4 5 4 5 4 5 4 15 4 15 4 12 3	9 50 0 45 1 37 1 39	76 20 79 06 75 19 75 17 75 56 75 43 78 01 77 18 78 44 79 07	187 1220 1410 1050 700 900 640 610 963 1102	7A	9A 7A 7A 7A 8A 7A	C H	PA. POWER + LIGHT CO. MRS. EDNA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GLENGER MEIRO P. DOROSH DOHALD LEHMAN CLYMER WATER SVC. CO.	STUMP CREEK SUNGURY SUSQUEHANNA TAMAQUA TAMAQUA A DAM TIOMESTA 2 SE DAM TITUSVILLE TITUSVILLE MATER WORK TOBYMANNA TORPEDO A W	8668 8692 8758 8763 8873 8888 8888 8888	O UEFFERSON NORTHUMBLAND SUSDUEHANNA SCHUYLKILL SCHUYLKILL FOREST CRAWFORD CRAWFORD MONROE MARREN	1 41 01 15 40 52 15 41 57 14 40 48 14 40 51 1 41 29 1 41 38 5 41 11 1 41 47	76 47 75 38 75 58 75 59 79 26 79 40 79 42 75 25	48 102 83 112 120 155 122 195	D 7A D 0 0 8A 0 7P 0 SP	7A 8A 7A 8A	0000	CORPS OF ENGINEERS CMARLES W. BAYLER HRS. LAURA A. BENSO HRS. HARY L. ROBERT PANTHER VALLEY WIR. CORPS OF ENGINEERS PA. ELECTRIC CO. CILY OF TITUSVILLE HRS. JULIA GRACY MRS. LILY B. GARBER	ON TS • CD «
	JACKSON SUMMIT JAMESTOWN 2 NW JERSEY SNORE JOHNSTOWN JOHNSTOWN 2 KAME 1 NME KARTHAUS KEGG KETTLE CREEK DAM KITTANNIMG LOCK 7	432 4363 -385 -390 -432 -450	TIOGA CRAWFORD LYCOMING CYAMBRIA CAMBRIA CAMBRIA CAMBRIA CLEARFIELD EDFORD CLINTON ARMSTRONG	2 4 1 4 4 4 1 4 1 4 1 4	0 20 0 19 1 41 1 07	77 D1 80 28 77 15 78 55 78 55 78 48 78 07 78 43 77 56 79 32	1690 1050 541 1214 1275 1750 950 1280 930 790	9A 6A M1D	84 74 94 84 74 N1D	8AC C F	ARCHIE LAIN PA. DEPT. FRST. + WTRS. GEORGE R. WADDELL JOHNSTOWN TRIBUME CITY OF JOHNSTOWN RUDOLPH A. ANGERSON WILLIAM J. MOYE PA. TURNHIKE COMM. CORPS. OF EMGINEERS CORPS OF EMGINEERS	TOWANDA 1 ESE TOMER CITY 2 E TROY TUNNELTOM TUNNELFOINT 4 ME TUNNEL A ME BALD EAG TUNNON CITY FILT PLAN UNION TOM VANDERCRIFT V1RGINVILLE	891 895 898 900 LE 902 7 904 905	S BRADFORD 2 SCHUYLKILL 9 BRADFORD 9 INDIANA 2 MC KEAN 4 BLAIR 2 ERIE 0 FAYETTE 8 WESTMORELAND 6 BERKS	15 41 45 15 40 35 15 41 47 4 40 27 1 41 54 6 40 43 1 41 55 10 39 54 7 40 36 14 4D 31	76 31 76 47 79 23 78 16 78 12 79 48 79 44	83 7 110 8 89 5 164 2 102 8 140 8 104	5 8A 0 0 0 0 0 0 0 6P	7A 7A 7A 7A	0 00	H LEVERN ROOT  MRS, ILLIAN S BOWMA  JENNIE L. BALLARO  MRS, MARY E. WEINER  ROBERT D. STRAIT  FREDERICK L. FRIDAY  HAROLD W. HAMMOND  MM. W. HARSTELLER  UNITED ENG. > FNORY  NRS. HARY W. WRIGHT	R

STATION	E COUN	1	MAGE :	7007		ATION	TIN	RVAT IE AN ABLES	D	OBSERVER	STATION	K NO.	COL	JNTY	AGE !	TUDE	LONGITUDE	ATTON			ATION AND LES	DBSERVER
on the second	agui de la constant d		LAT	TONO!	S S	>	TEMP	EVAP.	SPECIAL	OBSERVER	SIATION	INDEX	000	,,,,,,	DRAIN	LATT	LONG	ELEVA	TEMP.	PRECEP.	EVAP.	DESCRIVER
WARREN WASHINGTON WASHINGTON WASHINGTON WASHINGTON I E WESTER WESTER WASHINGTON I SE WEST CHESTER WEST HESTER  HESTER WEST HESTER WEST HESTER WEST HESTER WEST HEND HE WEST HE WES	9312 MASMINGTO 9313 MASMINGTO 9363 MORTHUMBE 9367 BREENE 9360 FULTON 9408 TIOGA 9484 EMESTER 9303 CHESTER 9507 FOREST 9659 ARMSTRONG	ANO	1 Al 11 40 16 41 10 39 12 39 16 41 5 39 5 39 1 Al 1 40	11 80 05 76 54 80 A9 78 43 77 48 75 A8 75 34 79	08 1A 52 10 05 18 36 48 25 24	1200 490 9A0 510 1920 440	7A 8A 8A	9 A 7 A	с с н с	GILBERT M. REJER PA. OEPT. HIGHWAYS WILLIAM BIRO BOROUGH OF WAYNESBURO HRS. OORA 1. LYNCH HARION L. SMUHWAY OAILY LOCAL NEWS COMARO-PULE CO. HRS. HELEN F. KINMEAR CORPS OF EMGINEERS												
ORK HAYEN FOUNGSYLLE FICH GROVE	9702 LUIERNE 9714 BLAIR 9726 LYCOMINO 9731 NORTHAMPI 9823 BEOFORO 9935 YORK 9936 YORK 9936 YORK 9936 WARREN 9990 SCHUYLKIL	ON	19 41 6 40 16 41 5 40 6 40 19 39 15 39 15 A0 1 A1 19 A0	27 78 15 76 51 75 03 78 55 76 56 76 07 76 51 79 5A 76		765 1190	9P	7A	C HJ	MRS. MARY G. MIRMAK ROBERT GUNNETT U.S. MEATHER BUREAU MRS. MARY O. MORLZEL WALTER C. GNEPANY WERE ALTER C. GNEPANY WERE ALTER C. GNEPANY WERE ALTER C. GNEPANY WERE ALTER C. GNEPANY WERE ALTER C. GNEPANY JAMES O. TEETER LESLIE HOWATT					i							

4 1. ALLEGHENY 2. BRAYER 3. CONEMUNG 4. CONEMAUGH 5. DELAWARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9. LEBIGH 10. MONONGAHELA 1I. OH10 12. POTOMAC 13. LAKE ONTARIO 14. SCHUYLKILL 15. SUSQUEBANNA 16. WEST BRANCH 17. YOURDIOGRAFY

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologict at Weather Burnau Airport Station, Harriwburg State Airport, New Cumherland, Pennsylvania, or to any Weather Burnau Office near you.

Figurew and lwtterw following the ntation name, such as 12 SSW, indicate distance in miles and direction from the post office

Delayed data and corrections will be carried only in the June and December issues of thin bulletin.

Monthly and seasonal nnowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July insue of this bulletin,

Stations appearing in the index, but for which data are not liated in the tables, either are missing or were received too late to be included in this issue

Divinionn as used in "Climatological Data" Table and on the maps, became infective with data for September 1956.

Unless otherwise indicated, dimensional units used in thin bulletin are: Temperature in 'F, precipitation and evaporation in inches and wind sovement in miles. Monthly degree day totals are the sums of the angative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extrems of temperature of water in pan aw recorded during 24 hours ending at time of observation.

Normals for all wtations are climatological ntandard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the sater equivalent of news, sleet, or ice on the ground. Samples for obtaining measurements are taken from different pointw for successive observations; consequently occasional drifting and other causes of local variability in the wnowpack may result in apparent accounts in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of nnow on grandude snow, when the snow and sleet.

Data in the "Extrames Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and enowfall in the "Sacwfall and Snow on Ground" Table, when published, dare for the 24 hours ending at time of observation. The Station Index whoms observation timen in local standard time. During the wummer months some observers take the observations on daylight saving time.

now on ground in the "Snowfall and Snow on Ground" Table in at observation time for all except Weather Bureau and FAA stations. For these ntations snow on ground values are at 7:00 a.s., E.S.T. In the Station Index thm letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following

- Execording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. C "Soil Tamperature" Table.

  B "Showfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

#### OTHER REFERENCE WOTES

- OTHER REFERENCE WOTES

  No record in the "Climatological Data" Table and the "Daily Teaperature" Table is indicated by no entry.
  Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

  No record in the "Climatological Data" Table and the "Daily Teaperature" Table; "Bale is indicated by no entry.
  Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

  Station Index.
  And also on an earlier date or dates.
  Fastent observed one shaute wind apped. This nation is not equipped with automatic wind instruments.

  Assumit included in following measurement, time distribution unknown.

  Assumit included in following measurement, time distribution unknown.

  One to roof of a building.

  One to roof of a building.

  One or of a building.

  This entry in time of observation column in Station Index means after rain.

  Assumit included a following peasurement of the partity estimated, using a ratio of 1 inch water equivalent to every 10 inches of new smoothil.

  One or more days of record missing: if average value is entured, less than 10 days record in missing. See "Daily Temperature" Table for detailed dnily record. Degree day data, if as a faster of this station have been adjusted to represent the value for a full month.

  Assumit from recording gage. (Those amounts are essentially accurate but may vary alightly from the amounts to be published later in Hourly Precipitation Data.)

  This entry in time of observation column in Station Index means observation and money variable.

  Includes total for previous month.

  The static point into in 100 a.m., 8.5.7. of the following day.

  This entry in time of observation column in Station Index means observation and means variable.

  The static point into in 100 a.m., 8.5.7. of the following day.

  This entry in time of observation column in Station Index means observation and we means variable.

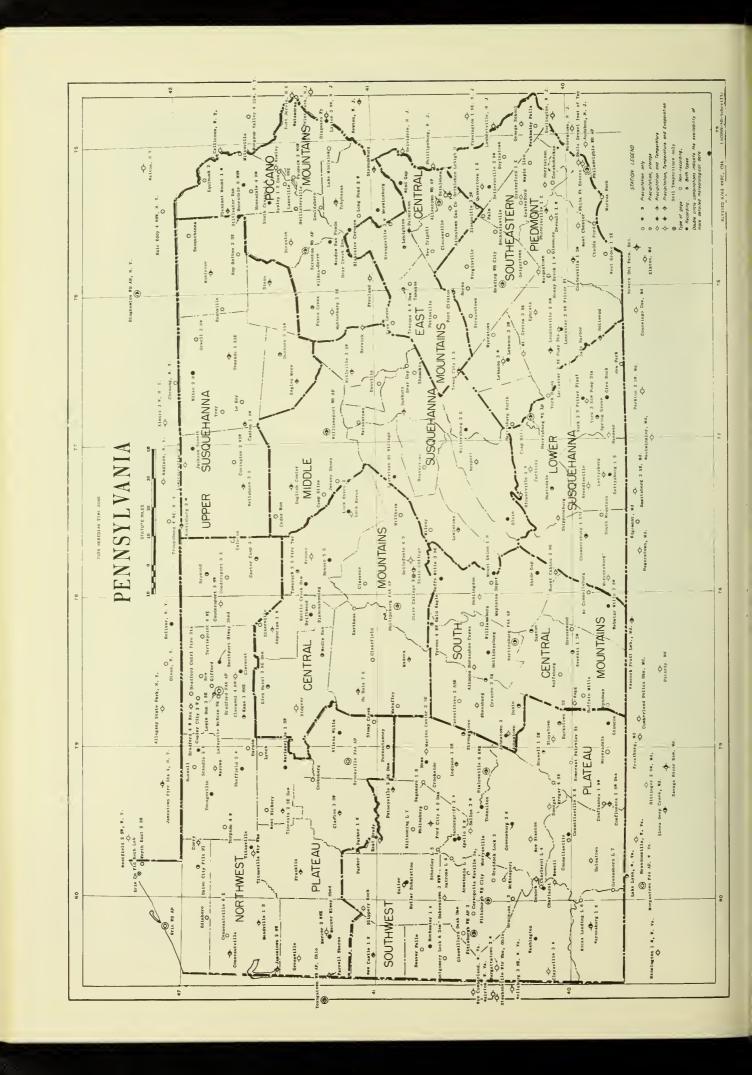
  The state conditions in the U.S. for each month are described to the publication would be more than th

General weather conditions in the U. S. for each month are described in the publications sworthly ExtraRen REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendant of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the bistory of changes in locations, elevations, exposure, sic., of substations through 1955 may be found in the publication "Substation History" for thin state. That publication may be obtained from the Superintendent of Documents, Government Printing office, Manhington 2, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climationgical Data for the respective viations, only

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly nubscription includes the Annual Summary.) Checks and money ordern abould be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be ment to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASREVILLE--- 7-12-63---1000







1.05

## U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

SEP 5 1863

JUNE 1963 Volume 68 No. 6



					Terr	pera	ture						_					Preci	pitation					
	Ī	ĺ									N	lo. of	Days						Sno	w, Sleet		N	o. of	Days
Station		. 8	a F		armol					Days	Mo	x.	Mi	n.		ormal	t Doy			Depth		Mare	More	Mare
		Average	Average Minimum	Average	Departure From Narmal	Highest	Date	Lowest	Date	Φ.	90° or Above	2° or elow	2° or elow	olow	Tatol	Departure From Normal	Greatest	Date	Total	Max. De on Grou	Date	.10 or A	50 or A	1.00 ar
NORTHWEST RLATEAU		4 2	4 2	-			-	-	-		0 4	0.5		0.0						< 0			-	_
BRAOFORO FAA AIRPORT 8RAOFORO 4 W RES CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE CORRY COUDERSPORT 3 NW OU BOIS FAA AIRRORT EAST 8RAOY ERIE W8 AIRPORT FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEAOVILLE 1 S MERCER 2 NNE TIONESTA 2 5E OAM TITUSVILLE WATER WORKS WARREN		74.6 77.8 80.4 76.3 80.3 79.8 76.4 76.6 84.4 81.7 76.6 83.8 79.5 76.6 78.8 79.5 76.6 81.7	48.7 46.5 51.2 45.1 50.6 50.6 46.3 53.5 53.5 58.7 52.0 52.0 51.2 46.5 51.7	61.7 62.2 65.8 60.7 65.5 65.2 65.1 68.6 71.6 66.6 71.6 66.9 65.8 65.4 65.4 65.5 65.4 65.4	- 0.9 - 0.1 0.3 0.0 0.3 - 1.3	87 88 91 88 93 89 88 94 90 97 93 96 94 89 92 91 90 89 94	28 30+ 27+ 28 30 26 27+ 27+ 27 27 27 10 28 27+ 28+ 27 27	31 36 28 34 32 39 38 45 42 39 37 35 29 37 35 29 37 35 29 37	22 22 22 22 22 22 22 22 22 22 22 22 23 22 22	136 124 600 161 87 81 131 78 32 64 20 41 36 77 151 84 76 79 141 63	0 0 5 0 4 3 0 0 7 2 9 4 10 3 0 0 2 2 2 0 7	000000000000000000000000000000000000000	0 1 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	.83 2.00 3.10 2.76 1.90 1.48 2.66 4.47 3.73 .85 2.31 1.69 2.17 1.85 2.26 4.43 1.89 2.24 2.13	- 2.88 - 2.20 - 1.40 - 2.18 - 1.96 - 2.95 - 2.05	1.17 1.17 .53 1.14 .50 .65 .54 .45 .82 1.20	29 21 30 10 11 11 29 20 10 9 10 20 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	*0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *	000000000000000000000000000000000000000		38754576926764759855	1 2 1 1 0 2 4 1 1 1 1 1 1 1 0 2 4 4 1 1	000000000000000000000000000000000000000
OIVISION				65.0	- 1.5										2.31	- 1.78			•0					
POCONO MOUNTAINS  8EAR CREEK OAM FREELANO HAWLEY MILANVILLE PLEASANT MOUNT 1 W SCRANTON SCRANTON SCRANTON WB AIRPORT STROUDSBURG TOBYHANNA		75.6 76.6 76.7 M 72.3 80.7 78.7 79.9 75.5	50.2 55.9 50.7 M 48.9 54.9 56.0 51.4 49.5	62.9 66.3 63.7 M 60.6 67.8 67.4 65.7 62.5	2 · 4 - 0 · 5 0 · 2 - 2 · 3		28+ 26+ 29 29 29 27 27 27+	37 44 44 38	21	113 42 89 152 39 45 61 109	0 0 2 0 4 3 3 0	00000000	000000000	00000000	1.20 3.82 3.60 4.50 1.87 1.93 3.71 2.75	.35 .44 - 1.86 - 1.98 50 - 1.58	.34 .90 .96 1.40 .46 .57 1.20	12 15 29 21 29	.0	000000000		4 7 8 8 7 6 7 8	0 1 3	
OIVISION	1			64.6	- 1.0			,							2.92	- 1.05			•0					
EAST CENTRAL MOUNTAINS																								
ALLENTOWN W8 AP ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON ZION GROVE	R	81.6 81.6 87.0 79.1 80.0 78.5	57.4 58.4 61.7 55.8 50.7 51.5	69.5 70.0 74.4 67.5 65.4 65.0	0.1 0.3 3.3 - 0.9 - 2.8	96 97 104 94 95 92	27+ 28 27+ 27 28 28	48 52 41 36	22 22 22+ 22 22 22	16 19 3 41 69 75	4 13 3 3 2	00000	000000	000000	1.79 1.90 1.10 3.23 3.25 2.43	- 2.28 - 2.10 - 2.62 65 41	.57 .63 .28 1.56 1.08	21 30+ 20 6	•0	00000		5 4 4 4 9 6	0 3 2	0 0 0 1 1
OINISION				68.6	0.1										2.28	- 1.60			•0					
SOUTHEASTERN PIEOMONT																								
COATESVILLE 1 SW OEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORO 1 E HOLTWOOO LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LEBANON 4 WNW MARCUS HOOK MORGANTOWN MT GRETINA 2 SE NORRISTOWN PHIL OREXEL INST OF TEC PHILAOELPHIA W8 AP PHILAOELPHIA PT BREEZE PHOENIXVILLE 1 E OUAKERTOWN 1 E CHARLES BE CITY WEST CHESTER WEST GROVE 1 SE	R	82.2 80.9 81.8 82.2 80.9 81.2 83.5 80.3 80.2 83.1 81.0 83.7 82.7 82.7 82.7 82.6 83.6 83.6 83.6 83.6 83.6	56.9 57.1 56.1 56.1 56.0 58.0 58.0 58.0 57.3 58.2 63.1 56.5 55.9 56.4 62.0 58.2 56.4 54.8 56.8 59.0 M	69.6 69.4 70.5 69.2 68.5 71.6 68.8 67.3 1 68.8 67.1 8 72.4 74.6 70.0 68.4 72.0 70.3 69.7 M	- 0.8 - 0.9 - 0.9 - 0.9 0.5 - 1.5 - 0.6 1.4 - 1.7 - 0.3 - 0.2 - 0.7	95 98 97 95 97 96 95 96 97 98 97 98 97 98 96 91	27	47 49 42 46 53 45 45 45 45 45 45 45 47 54 47 54 54 54 54 54 54 54 54 54 54 54 54 54	22	26 28 12 28 34 6 4 27 26 30 4 1 12 0 5 26 4 28 25	655655654857767864694	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.71 4.55 2.34 1.67 3.11 4.22 2.34 2.33 2.41 3.73 1.59 2.73 3.14 2.86 3.41 1.67 2.82 2.82	- 1.71 - 1.86 - 2.08 .72 - 1.56 - 1.13 - 1.17 - 1.10 41 - 2.52 07 - 1.03 73	.666 1.266 .511 .788 1.477 .955 .455 .701 .222 .700 .433 .577 .822 .966 .599 .711 .700	10 29 30 30 21 11 4 15 10 4 3 3 10 10 10 10 14 4	.00	000000000000000000000000000000000000000		889457783606676596766	4 1 2 2 5 0 1 1 3 4 0 3 3	1 0 0
OIVISION				70.4	- 0•7										2.82	- 1.08			•0					
LOWER SUSQUEHANNA  ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG HANOVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA OIVISION	Ŕ	82 • 1 79 • 7 84 • 2 81 • 4 81 • 7 82 • 4 83 • 8 80 • 7 82 • 1 84 • 1	57.5 56.6 57.3 56.0 58.1 58.3 60.7 55.6 57.5	69.8 68.2 70.8 68.7 69.9 70.4 72.3 68.2 69.8 70.6	- 0.4 - 0.9 - 2.1 - 1.6 - 1.1 1.0 - 0.9 - 1.1	98 99 95 95	27 28 28 27	46 43 43 42 48 46 48 44 46 41	22 22 22 23 22 22 22 22	18 38 7 27 23 22 4 34 11	6 47 6 6 7 8 5 5 8	000000000	0000000000	0000000000	4.35 2.49 4.01 5.73 4.09 3.63 2.36 5.09 4.93 2.80 3.95	- 41 - 1.59 14 1.65 13 - 1.06 1.09 - 1.01	.91 1.05 1.25 1.49 1.01 1.01 .69 1.43 1.03	4 5 29 30 11 3 8 30+	.0	000000000		9 7 9 11 8 7 4 10 12	1 2 3 5 2 2 3	1 1 0 1 2
MIOOLE SUSOUEHANNA																								
BERWICK ENGLISH CENTER LEWISTOWN MILLVILLE 2 SW		80.6 79.1M 81.5 78.2	56.0 47.7M 55.7 53.9	68.3 63.4M 68.6 66.1		91 95	27+ 28+ 28 28+	42 34 44 42	22	35 100 28 54	4 4 5 2	0000	0000	0000	3.03 2.96 4.20		1.28 1.75 1.03	21	•0	0 0 0		6 8	2 4	1

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COMMINGED																								
					Ten	ubeto	ture											Proci	pitation					
												No. of	Doy	6					Sno	w, Sleet		N	o. of	Doys
Station					TO F					Days	М	ox.	M	In.		mal.	Doy			4 9		:	0	20
		roge	980	Average	Departure From Normo	teat		£5.		8		, ,	2.			parture m Norm	Bates		_	. Depth Sround		or Mor	or More	8
		Aver	Ave	Ave	Dep	High	Date	Low	Date	Dea	90° er Above	32° or Below	32° or Below	Below	Total	Depar	5	Dote	Total	Mox.	Dote	.10	.50	1.00
NEWPORT SUNBURY		82.6 82.1 77.9	56 • 2 53 • 9 53 • 1	69.4 68.0 65.5		96 97 92	28+ 28 28	43	22 22 22	19 33 68	6 5 2	0 0 0	000	0 0 0	4.58 3.64 3.19	.87 .19	1.50 .75 1.08	21	•0	0 0		8 7		0
TOWER CITY 2 E WILLIAMSPORT WB AP		80.7	56.0	68.4	- 0.8	95	27		22	30	4	0	0	0	2.48	75			•0	0		6		0
DIVISION  UPRER SUSOUEHANNA				67.2	- 2.0										3.44	- •04			•0					
AUSTINBURG 2 W CANTON 1 NW DIYON EAGLES MERE LAWRENCEVILLE 2 S MONTROSE TOWANDA 1 ESE WELLSBORO 3 S		78.4 74.5 80.4 72.4M 81.6 75.0 79.9 75.4	49.8 51.9 51.2 54.4M 51.9 51.6 52.9 52.4	64.1 63.2 65.8 63.4M 66.8 63.3 66.4 63.9	0.1	93 89 94 86 92 89 92 89	28 27 28 29 30+ 29 28 27	44 40 39 36 39	22+ 21+ 24+ 22 22 22 22 23+ 22	95 101 52 102 53 99 52 94	30404040	00000000	00000000	00000000	1.06 1.00 1.51 2.03 1.77 2.89 1.24	- 1.53 - 1.94	.30 .55 .27 .67 .60 1.03 .36	21 15 30 14 15 21	.0	00000000		4 2 6 6 4 7 4 2	0 1 0 1 1 1 0 0 0	0 0 0 0
OIAIZION				64.6	- 0.7										I.56	- 1.82			•0					
CENTRAL MOUNTAINS																								
BELLEFONTE 4 S OU BOIS 7 E EMMORIUM 1 N KARTHAUS LOCK HAYEN MADERA RHILIRSBURG FAA AR RENOVO RIDGWAY STATE COLLEGE		80.0 78.3 76.5 80.1 81.9 77.2 74.7 83.4 78.4	54.6 50.5 47.7 49.1 53.8 48.3 49.5 49.4 48.2 56.5	67.3 64.4 62.1 64.6 67.9 62.8 62.1 66.4 63.3 67.8	- 1.8 - 1.5 - 0.4	92 94 90 87 95 90	28 27 28 28 28 28 30+ 28+ 28+	44 34 32 35 40 32 35 36 34 44	16 22 22 22 22 22 23+ 22 22 22	42 82 127 76 38 112 122 52 104 34	3 0 0 4 4 1 0 6 2 3	0000000000	0 0 1 0 0 0 0	000000000	2.42 2.42 1.25 2.27 2.99 3.02 2.84 2.05 2.09 2.98	49 - 1.67 - 1.90 59	I • 02 • 97 • 25 • 55 • 69 • 62 • 92 • 44 • 58 • 76	10 30 10 21 6 10 21 10	.0	0000000000		6 5 6 8 8 9 6 8 6 7	2 2 2 2 2 2	000000000000000000000000000000000000000
OIVISION				64.9	- 1.2				1						2.43	- 1.37			.0					
SOUTH CENTRAL MOUNTAINS																								
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW JOHNSTOWN KEGG MARTINSBURG FAA AP		78.9 81.3 76.5 80.0 80.4 80.7 78.2	54.4 54.8 52.1 55.1 55.7 54.6 55.1	66.7 68.1 64.3 67.6 68.1 67.7	- 0.6 - 0.8 - 1.5	92 89 95 96	27+ 28+ 26 26 27 27+ 26	38 42 43 40	22 22 23+ 23 23 22 22	47 29 83 46 41 41 44	2 4 0 4 5 3 2	0000000	0 0 0 0 0 0	0 0 0 0 0 0	3.50 5.00 2.19 1.96 1.58 4.36 2.59	- 1.07 - 2.52 - 2.87	.92 1.03 .68 .67 .43 1.24	8 11 11 11 28	•0	000000		9 11 5 5 5 6	2 0 1 0 0 0 4 2 1 0	1 0 0 0
DIVISION	N			67.0	- 1.0										3.03	- 1.08			•0					
SOUTHWEST RLATEAU														İ										
PITTSBURGH WB CITY RUTNEYVILLE 2 SE DAM SALINA 3 W SLIPPERY ROCK STOYSTOWN UNIONTOWN WAYNESBURG 1 E	//R R	81.4 76.4 76.8 79.5 81.5 78.2 76.1 81.8 79.2 80.1 77.0 82.5 83.2 81.7 79.4 81.6 78.9 79.8 81.7 79.8	556.8 51.3 M 52.4 52.5 57.1 8 52.8 53.7 553.9 553.	68.3 66.1 66.1 66.9 65.4 64.2 69.5 66.3 65.4 67.9 67.5 67.2 70.5 67.2 66.9 63.9 65.7 66.9	- 2.0 - 1.8 - 2.8 - 1.2 - 1.4 - 1.2 - 1.4	89 90 91 92 88 92 92 93 97 93 94 91 92 91	27 27 27 28 28 27 27 27 27 27 27 27 27 27 27 27 27 27	35 36 36 42 34 39 35 8 42 37 42 39 37 47 37 41	23 + 22 22 22 22 22 22 22 22 22 22 22 22 2	35 67 61 63 68 68 68 68 67 77 77 77 73 55 73 100 21 62	40243203330566727310132	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2.68 2.49 2.38 3.81 4.41 3.30 4.78 2.84 2.57 3.57 5.94 3.13 2.20 4.5 2.40 1.20 3.11 2.67 1.70 3.97	25 .13 - 1.08 92 - 1.38 54	.92 1.06 1.02 1.61 1.63 .75 .21 1.08 .90 .93 .43 .69 .87	9 11 10 11 11 10 11 9 21 10 6 10 11 4 10 21 21 21 11	.00	000000000000000000000000000000000000000		598657967687348857778	2 1 1 2 2 2 4 1 1 1 2 2 3 6 2 1 0 2 2 2 0 0 4 3 5 1	o, o o o o o o o o o o o o o o o o o o
DIVISION				66.9	- 1.7										3.20	- 1.18			.0					

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature:  $104\,^{\circ}$  on the 27+ at Bethlehem Lehigh Univ

Lowest Temperature:  $28\,^\circ$  on the 22d at Clermont 4 NW

Greatest Total Precipitation: 6.54 inches at McConnellsburg

Least Total Precipitation: 0.45 inch at New Stanton

Greatest One-Day Precipitation: 2.44 inches on the 11th at Bruceton 1 S

Station	Total	1 2	3	4	5	6	7	8	9	10	11	12	Day 13	of M	onth 15	16	17	18	19 20	21	22	23 2	24 2	5	26	27	28	29 (	30 3	31
ACMETONIA LOCK 3 ALLENTOWN WB AP R ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE	1.82 1.79 1.90 3.50 4.35		•26 •10 •43	.05 .02 .38 .47	.20 .06 T .11	•09 •07 •10 •32	.08 T	•04 •03 •02	T •36 T	•72 •03 •04 •92 •43	.36 .04 .01 .34	Т	•01 T	•05 •22 •05 •13 •03	•04 •32 •42		Т	.02	↑ •40 •09	.05 .01 .63 .08							Ţ	•15 •14 T •69 •53	•57 •40 •04 •42	
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAR GAP	1.06 2.68 1.05 1.20 2.26		•01	T •55 T •05 •29	.03 .21 .12 .01	.09 .06 .06	т	•02	•06	.25 .74 .17 .18	T •34 •25	•03 •03 •06 •01	•03 •08 •02	•12 •09 •02 •07 •12	•20 •16 •54		Т	.05 .04	•41	•30 •06 •20 •23 •54							•03	T T •04 •20	.05 .06 .05 .34	
8EAVER FALLS BEAVERTOWN 8ECHTELSVILLE BELLEFONTE 4 S BERNE	3.92 2.47 2.57 2.42 2.69		т	.06 .75 .45 .28	•46 •02 T T	•36 •07 •24		•18 •03 1•02	Т	.B7 .23 .02 .34	.54 .05 .10 T	•03 T	•03 T	•15 •05 •05 •10 •02	•61 •30			•24	•05 •07	•92 •36 •27 •38 T								.26 T 1	.05 .32 .12 .20	
BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N	3.03 .76 1.10 2.49 2.49		.11 .10	.01 .22 .28 .33 1.05	•08 •20 •03	•10 •11	• 02 T		.51	•24 •02 •01 •45	.44 .02 .04 .30	.01 T	T T •02	•35 •03 •11 •02	T •06	•10	+20	т	•22 •27	•14 •23 •28 •04							•08	1.28 .06	•04 •24 •28 T	
80SWELL 1 SW BRADOOCK LOCK 2 BRADFDRO FAA AIRPORT BRADFORO CNTRL FIRE STA BRADFORO 4 W RES	3.59 1.38 .83 1.97 2.00		•07 T	.39 .05 .07 .01	.03 .24 T	•05 •02 T	.72 .02	•14		.71 .33 .46 .37	1.03 .46 T .22 .29	.07 .12 .13	.02 T T .04	•04 •13 •18 •10	•06		T •02	Т	T *04 *16	.26 .02 T .34							T •04	•07 •10 •60	•12	
BREEZEWOOD BRUCETON 1 S BUFFALO MILLS BURGETISTOWN 2 W BURNT CABINS 2 NE	3.15 4.95 2.38 5.00		18 1.04 18 .37	+17	•40	•20 •15 •35		.63 .15 .05	.24 • .15	•18 •42 •18 •33 •39	2.44 .85 .66 .92		•03	•04 •16	•28	-10			•20	.04 .32 .20						•40	•20	.70 .90 .01 .25	.10	
BUTLER CAMP KLINE CANTON 1 NW CARLISLE CARROLLTOWN 2 SSE	3.81 2.06 1.00 4.01 3.48		02 -45	*10 *30 T *26 *32	.03 1.25	•01 •02 •41	.19	··11	•02	1.94 .34 .18 .22 1.16	• 33	T •01	.05 T .05	•07 •43 T •15 •13	.22 .05 .05			.04	•01 •32 •05	.20							.06	•06 •12 T •41 •14	.60 .02	
CARTER CAMP 2 W CEDAR RUN CHADDS FORD CHAMBERSBURG 1 ESE CHARLEROI LOCK 4	1.44 2.18 2.46 5.73 3.95		•04 20 •96 T		.04 .03 .38 .29	•02 •09 •01	. 09 . 38 . 44	•08	•09	.36 .25 .43	1.02	T • 44	.06 T	•13 •04 •02 •23 •01	•14 •65 •10			•OB T	•06 •11	.23 .79 .28 .40							•32	1.49	.05 T .34	
CLARENCE CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELO	2.26 3.10 1.19 4.41 2.36			.40 .03 .09	.17 .35 1.33	.24 .01 .06 .47	.33 .04 .02	•11 •37 •06	Т	•57 •58 •04 •28 •72	.35 .02 1.64	•02		.08 .10 .02 T	•11 •45 •02			•04	•07	.48 1.10 .17 .47 .70	•02							.03 .05 .03 .06	•03	
CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW DAM CONFLUENCE 1 NW CONNEAUTVILLE	2.76 2.71 3.30 3.37 1.90		•04 •12	.70	•03	.01 .04 .08 .09	T • 01 T	•45 •36 •02	T •37	.29 .15 .34 .50	.26 .91 1.16	*03 T	.02 .01 .02	.16 .03 .01 .03	•31			•13	•04 •03	.06 .10 .34 .37			Į						1.82	
CONNELLSVILLE CONSHOHOCKEN CDOKSBURG CORAPPOLIS NEVILLE IS CORRY	4.80 2.73 8 2.91 1.48		т	.78 .58 .08	.22 .39	•50 •03 •29	* •22 •15	• 38 • 08 •	.03	.40 T 1.26 .43 .29	.49 .31 1.31	•52	•01 •01		• • 27	•03		• 06	•22	1.44 .06 .37 .05							• 08	.06 .20 .04	•03 •50 •	
COUDERSPORT 3 NW COVINGTON 2 WSW CREEKSIDE CRESSON 2 SE OANVILLE	2.66 1.44 2.92 3.96 3.01			•02 T •17 •77 •12	•20 •12	• 24 • 33 • 28	•12 •05	•10 •20	•15	.28 .24 1.20 1.08 .20	.08 .20 .95	•05 •02 •02 T	*04 T	.05 .10	• 24 • 06			•34 •18	•07	.70								•10 •20	.03 .14 .80	
OEVAULT 1 W DIXON DONEGAL DONORA ODYLESTOWN	4.55 1.51 4.78 2.84 3.45	.04	.8i	.03	•44	•03	.10 T .12 .28	•26 T	•58 •30	1.26 .09 1.02 .30	•06 •50	•16 •03	Т	•05 T •06 •02 •12	.34			•10	•29 •44 T	. 06						•05	•59 •03 T	•26	.19 .86 T	
OU BOIS FAA AIRPORT OU BOIS 7 E DUSHORE 2 SSW EAGLES MERE EAST BRAOY	4.47 2.42 1.43 2.03 3.73	Т	T T	•14 •34 •02 •03 •27	.02	•27 •24	.04 .03 .02	•37	.03 T	1.07 .97 .19 .25	•22	•02 •03 T •05	+02 T	T	•22	т		•07		.54 .22			ı				T T •01	1.17 .32 .28	.04 .12 .67	
EBENSBURG EMPORIUM 1 N ENGLISH CENTER EPHRATA EOUINUNK 2	2.19		T 03 •2	•28 •02 •10 •25 •04	.08	•05 T	T • 20	•20 •10		•59 •16 •15 •12 •10	•12 •01 •22	T •23	.05 .01		.20	• 02		•20 •01	•14 •08 •25	1.75			J				•02	T - - -51	.05 .25 .16	
ERIE WB AIRPORT EVERETT 1 SW FARRELL SHARON FORO CITY 4 S OAM FRANKLIN	.85 1.96 2.31 2.57 1.69		T •2 •0		.13 .13	•01		•05	.08 1.14 .92	.05 .31 .39	•67 •18 •27	T •05	•11 •03				•19	•02	•07 •20 T		.36		i				т	•07 •25		
FREELANO GALETON GEIGERTOWN GEORGE SCHOOL GETTYSBURG	2.46 3.60 1.67 4.09		•0	•63	•02		•20	•08 •15 •52	•10		1.03 .66		•70 •05	•12 •25	•20 •45 •46 •12			•10 •11		.22 .07 .50								.23	.03 .14 .78 1.01	
GLEN HAZEL 2 NE DAM GLENMODRE GLENWILLARO DASH DAM GOULOSBORO GRATERFORD	1.52 2.86 2.99 1.81 2.60			• 04 • 07 • 33 • 05	.73 .35	•03 •02 •02 •06	•08	•61	T •28	T	.11 .30 1.10	T T •06	.03	•03	•37 •39 •63			•41		•31 •16 •17 •15 •09								•02 •22 •25 •35	.65 .22 1.12	
GRATERFDRO 1 E GREENSBORD LOCK 7 GREENVILLE HANOVER HARRISBURG WB AP R	3 • 11 5 • 51 2 • 17 3 • 63 2 • 36		•0 •0 •4	2 •19 9 •84	48				•04 •34 T	34	1.01	•05 T		T •07 •04 •28		• 02			•65	.26							•03	•17 •49 7 •32	.11 .14 .01	
HAWLEY HOLLISTERVILLE HOLTWOOD HONESDALE 4 NW HONEY BROOK 1 W	3 · 8 2 1 · 5 7 4 · 2 2 4 · 5 3 2 · 5 0		• 2	•09	* •01	•09 •06 •12 •05	.03	•80 •16	T	•20 •04 •17	) T	•24 T •83	• 03	*01 T *01	.59	•01				•11 •12 •95 •78 •47								.65 .15 .03 .93	.37 .42 .01 .07	
HOP BOTTOM 2 SE HUNTSDALE HUNTSDALE INDIANA 3 SE JAMESTOWN 2 NW	2 • 81 6 • 42 4 • 54 3 • 07 1 • 37			8 1.13 0 1.73	3 .10 3 .03 3 .16	• 03	•12		T •02	.39 .48 1.05	1.14 3 1.15 5 .32	•01	•01 •03	• 02 T • 05				•17		.27 .08 1.06 .21							•0;		•03 •39 •45	
JERSEY SHORE JOHNSTOWN KANE 1 NNE KARTHAUS KEGG	2.50 1.56 1.85 2.27 4.36	3	1.0	•0	01 09 09	.01	.	• 39	.25	• 23 • 26 • 22 • 55 • 74	.43 2 .17 5 .10	•05	•06	•04 •30 •11 •07	•01			•13		.05 3 .11 3 .52							1.24	•02 •14 • •77	.45 .03	
KITTANNING LDCK 7 KRESGEVILLE 3 W LAKE MINISINK	2.58 3.09 3.60	9		•1: •1: •1:	.05	-14	•02	• 34	.15	1.11 .01	7 • 02	•05	•01 • T	• 05	•23		T	•01		.45 .69 1.23								.02 .02 1.03	1.54	

Continued

PENNSYLVANIA JUNE 1963

	7											Day	of Mo	nth														
Stalion	Total	1 2	3	4	5 6	5 7	8	9	10	11	12	13		15	16	17	18	19 20	21	22 2	3 24	25	26	27	28	29	30	31
LAKEVILLE 1 NNE LANCASTER 2NE PUMP STA LANDISVILLE 2 NW LAWRENCEVILLE 2 S LEBANON 4 WNW	3.37 2.34 2.33 1.77 2.13	.03	·25 ·06	*11 *40 *70 T	+04	22	39 .09 .28 .13		*14 *25 *21 *25 *07	.45 .45 .38 .04	.49 .01 .04 .03	T .07	• 06 • 02	.47 .26 .02 .28	•04			• 23 • 26	.04 .01 T .08						•D1	.68 .37 .16 .33	.39 .08 T	
LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN	1.90 1.25 2.22 2.96 2.99			• 24 T • 06 • 47 • 26	.04 .	40 02 05 07 22	• 65		.06 .18 .32 .32	.05 .02 .42 .15	T •01 •10	.06 .03	*06 *15 T	.38 .06 .15 .43			T •02 •15	•01 •06	.43 .76 .62 1.03						•02	•24 •05 •04 •63	.21 .04	
LONG POND 2 W LYNCH MADERA MARKETEY MAPLE GLEN	2.96 2.25 3.02 2.55 1.93		.35 .05	.04 .05 .23 .25	•15	62 .0	•39		.42 .61 .57	.16 .14 .16	•05 •03	•02 •10	•10 •09 •12	·20 ·03 ·48		•10	.10	*02 *10 *32	.65 .20 .27 .50							.21 .04 .04	•56 •58 •43 •37 •42	
MAPLETON DEPOT MARCUS HOOK MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS	3.48 2.41 3.57 2.59 3.54	T	•05 •60 T	.45 T .10 .21	T •09 •09	98 .0 35		• 2 4	.72 1.02	1.13 .18 .63 .02 .32	T •14	•03 T	•07 •12 •06	•31				T •14 •19 •12	•24 T •23						•07	.46 .58 .08 .37	•21 •03 •7	
IC CONNELLSBURG IC REESPORT MEADVILLE 1 S MEOIX RUN MERCER 2 NNE	6.54 2.11 2.26 4.04 4.43		•53	1.41 .14 .03 .10	.03 .	34 02 T 16 02 •0	.92	•03 •67	.28 .82 .93	.89 .84 .31 .23	т	.03 .01	T • 09	.59			•0	•02	•34 T •12 •96 •25						+11	T .23	*4* T 1+2	
MERCERSBURG MEYERSOALE 1 W MILANVILLE MILLWEIM MILLVILLE 2 SW	5.09 3.64 3.60 3.48 4.20		.34 .17	.81 .78 .03 .20	T T	36 07 T 62 29	1.43 .47 .66 .44	Ť	•27 •65 •16 •26 •24	*41 1*13 *25 *04	•53 T	•03 T	•03	.62 .96 .57			.37	•04 •08	.20 .35 .10 .30							•47 •02 •64 •53	.20 .36 .70	
NILROY MONTGOMERY LOCK AND DAM MONTROSE MORGANTOWN MT GREINA 2 SE	2.04 5.94 2.89 3.73 1.59	T • 0 3	.50 .43	•13 •03 T •70 •16	1.55 1.	24 61 03 •5		T •01	•25 •67 •26 •23 •24	•34 •57 •07 •10 •13	T •42	T •07	•03 •03 1	.03 .17			T .10	.05 .62 .02	•25 •84 •34 T						•27	•12 •57 •36 •30 •13	.09 .06 .03 .20	
YERSTOWN (ATRONA LOCK 4 IERHAMINY FALLS IEW CASTLE 1 N IEWELL	1.94 2.50 2.63 3.13 2.20		•03 •73	•05 •11 •40	.58 .	10 .0 04 .0 25 .0	1	•47	•07 •71 T •63 •20	.03 .66 .14 .43		•01	.03	95			•0€	•04	•40 •45 •20						•01 •10	.18	•08	
NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN	5.78 4.58 .45 2.51 2.73	•41	1.36 .03 .11 .18	.45 .83 .21 .24	.17 ·	37 T 07 T 01 T	.90 1.50	•01	•06 •26 •08	.25 .18 .10 .07	T T T • 37	T T	•03	.56 .25 .72 .40			.01	• 35 T	.01 .42						T • 01 T	•47 T 1 •17 •20	•17 •84 T	
NORTH EAST 2 SE DRWELL 2 NW PALM PALMERTON PARKER	.92 3.12 2.24 3.23 2.30		•13	•32 •08 •07	•05	34	•31 3 •18	T •42	.62 .49 .06	.08 .10 .05	T . 24	.01 .02 .03		15			•2 °	*04 *09 *20 1*56 *10	.02 .04 .06							.07 1.30 .01	•07	
PAUPACK 2 WNW HIL DREXEL INST OF TEC HILADELPHIA W8 AP R HILADELPHIA PT BREEZE HILADELPHIA PT BREEZE HILIPSBURG FAA AP	3.09 3.14 2.88 2.86 2.84	T T	•82 •75 •69 •15	•16	Т	10 .3 .1 .0 .0	0 T 8 T 8	т	.13 .78 1.22 .96	•11 •12 •10 •14 •01	• 26 T	т	•03 •05	45 07 12 16		•01		*12 *10 *07 *25	•19 T T			ľ			•42 •04 •08 •05	.83 .68 .42 .64	.43	
PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP Z //R PITTSBURGH WB CITY R PLEASANT MOUNT 1 W	3 • 41 2 • 66 2 • 40 3 • 41 4 • 50		•65 •07 •04	.05 .53 .34	.20	09 08 .2 86 .1 40 .8	•29 3 2	•02 •17 •21	1.08 .15 1.08 .90 .16		•03 T T •72	•02 •02 •01	•03 ·	13 20	т	•03 T	T •02	•15 •07 •02 •02	•12			ł			•09 •19	*12 1.06	•75 •62 T •41	
PORT CLINTON POTTSVILLE PUTNEYVILLE 2 SE OAM PUTNEY	3.25 4.84 2.67 1.67 1.94		T T	.40 .41 .12 .47	.10 .	08 44 03 •1 21 T	•10 •77 8 •21	-10	*11 *16 *73 *01 *29	•24 •57 •07 •10 •12	.03 T .02	•02	•11	68 78			.01	•02	•28 •35 •93 •10 •67							•03 •13 •01	.21 1.19 .04 .59	
EADING W8 CITY R ENOVO ENOVO ELOS LANDING L 6 ELOGWAY	3.65 2.05 3.49 2.93 2.09		.48	.09 .26 .15 .35	•05 •27 •:	04 .0 .1 17 01 .3	6 5 •06	T T	•62 •42 •35 •18 •58	.23	T • 24	T •04	•71 •15 •25 T	17			•17 •14	.56 .18	.02 .44 .68 .35						•04 •11	.49 .14 .34 T	•01 •01 •87	
RUSHVILLE RUSSELL SAGAMORE 1 S SALINA 3 W SAXTON	3.00 1.22 3.14 1.70 2.41		T •08	.02 .01 .10 .19	.02 .0 .15 T	15 .5 06 .5 41	5	.02 T .43	•21 •39 1•29 •36 •56		•18 •08	•06 T T	•11 •10 •07	39				•02	.42 .08 .35 .07							.55 .04 T	•13 T •0	
CHENLEY LOCK 5 CRANTON WB AIRPORT HAMOKIN HIPPENSBURG	3.48 1.87 1.93 3.58 4.93	•13	T • 44	•21 •05 •02 •29 •55	•51 •16 T •02 1•6		3 .01	.05 T	1.28 .10 .12 .24 .28	•01 •05	•25 •03 •01	•04 •04 T	•20	95		т	.07	+48 T	.50 .46 .08 .55						•08	•07 •45 •57 •35 •52	1.0	
INNEMAHONING LIPPERY ROCK OMERSET FAIRVIEW ST OUTH MOUNTAIN PRING GROVE	2.51 3.12 3.18 4.89 3.43		•05 •40 •52		.04 .:	09 .0 23 T	.33 .08 .57	•54 T	.66 .56 .45 .43	.51 .84 .45	T	.01 .07 .03		05			•19 •10	•07	.40 .69 .63 .09							.10 .05 .03 .45	.69 .20	
TATE COLLEGE TOYSTOWN TRAUSSTOWN TROUDSBURG TUMP CREEK	2.98 3.11 3.87 3.71 3.28	Ť	T •09 •01 •10	•31 •55 •48 •08 •12	.03 .: .04 .: .70 .:	22	7 T	T	.76 .35 .10 .10	.87 .07	.03 .01	.02 .03 .01		13 61 10		т	T .05	T •03 1•00	.35 .57 .04 .08 1.22						+13 T	.04 .08 .02	•57 •95 T	
UNBURY USOUEHANNA AMAOUA 4 N OAM 10NESTA 2 SE DAM	3.64 3.56 2.97 1.88 1.89		Ť	.25 T .41 .29	.05	06 .0 04 .7 57 36 D2 T		т	•21 •47 •27 •11 •61	T •07 •10	T .19 T	.03 .02	T .	47	•01		.09 .25		•75 •26 •19 •29 •22	T						.63 .77 .05	•21 •02 •23 •21 •23	
ITUSVILLE WATER WORKS OBYMANNA ORPEDO 4 W OWANDA 1 ESE OWER CITY 2 E	2.24 2.75 1.70 1.24 3.19		*01 *11	.04 .31 .03 .02 .87	.07 .0	23 07 T 05 •0		*05 T	1.14 .22 .50 .29 .20	.07 .35 .13	.02 .28 .10 .10	T •05 •02	•07 •	08			•01	+32 +01	.38 .10 .36						•02	•15 •56 •12 •05 •49	03 03 09	
ROY URTLEPOINT 4 NE 'YRONE 4 NE BALD EAGLE UNION CITY FILT PLANT NIONTOWN	1.33 2.02 2.94 1.42 5.54		.16	.01 .03 .45	T T .11 .0	62	•46	+30	•35 •63 •38	.58 .16	•02 •10 •07	.05 .14 .01	.16 .	05 08 12	T		.30 .11	+10 +08	.20 .21 .05 .06	T					+02	•D3	.29 .02 .18 .01 1.23	
ANDERGRIFT IRGINVILLE IARREN IATSONTOWN IAYNESBURG 1 E	3.49 2.00 2.13 3.17 3.97		T T	.08 .35 T .08	.05 .0	03 01 01 01 00 01	2 +27		1.40 T .39 .26 .49		-04	•04		36 01 30		•17	.02	•03 •20	.26 .08 .11 .13						*16	T •48	.03 1.15 1.10	
ELLSBORO 3 S EST CHESTER EST GROVE 1 SE	.96 2.82 2.96		•03	.05 .70 .33	.01 .0	01 T 02 05	*13 *50		•15 •02 •27	.69	•01 •02 •05	.05	•01 •	33 30 07			•06	•05	.09 .18 .15								+03 +69 1+05	

Station	Teg		Day of Month																													
	Po	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3:
EST HICKORY HITESBURG TILKES BARRE FILLIAMSBURG FILLIAMSPORT WB AP	2.28 2.17 2.18 2.74 2.48	3	Т	T •04 •02		.27	.07	.05	5 +03	.35	•12 •61	8 •49 2 •03 1 •67	9 3 7 T	•02 •13 T	•07 • •15			•10	0		•03	.20 .62	0							•13 •15 •21 •89	.80 .17	7
WOLFSBURG YORK 3 SSW PUMP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	1.97 2.80 2.41 2.43 2.19		•22	•16 •53 •14	•60	.03	· [		•31 •23 •16	.12		6 .24	4 B •03 l	à	•12 •04 •04	+11			•07	7	Ţ	.28 .04 .07 .23	7						•10	0 •11 •15 •05	.10 .06	6

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave cent	rages -		Numl	per of da	ys with	precipi	itation			
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM . EST	7:00 PM EST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average
ALLENTOWN W8 AIRPORT	WNW	13	8.4	29++	NW	12	82	80	49	58	6	6	4	1	0	0	17	-	6.
ERIE WB AIRPORT	s	18	9.4	23++	5	11	76	71	57	56	4	6	1	1	0	0	12	-	4.
HARRISBURG WB AIRPORT	W	20	8.4	48	W	10	77	76	50	57	3	9	2	2	0	0	16	59	6.
PHILAGELPHIA WE AIRPORT	WSW	17	8.2	26	\$	29	81	75	51	62	4	3	4	1	1	0	13	59	6.
PITTSBURGH WB AIRPORT	NNW	9	7.0	30++	NW	10	81	82	52	59	2	8	2	1	1	0	14	52	6.
READING WE CITY	NW‡	-	9.3	41	E‡	7	-	-	-	-	0	5	4	3	0	0	12	55	5.
SCRANTON WB AIRPORT	ESE	10	7.0	23	W	17+	79	84	53	58	5	4	5	1	0	0	15	55	6.
WILLIAMSPORT WB AIRPORT	w	13	7.4	22++	NNW	6	85	84	51	59	3	5	4	2	0	0	14	-	6.

<sup>#</sup> TO 8 COMPASS POINTS ONLY

### DAILY TEMPERATURES

Day Of Month

Station																Day	Of Mo	nth															5
	MAX	1 81	77	3 75				<b>7</b>				11				15									24	25	26	27		29		31	Ave
ALLENTOWN W8 AP	MIN	51	53	55 77	81 63	81 63 81	63	59	71 58	85 62	63	77 59	67 53 78	77 53 65	73 55	72 54 74	78	81 51	85 56	55	82 59	70 53	76	50	52	94	96	96	68	71	90		81.6
ALLENTOWN GAS CO	MIN	52	54	58	61	63	63	66	58	72 59	63	61	58	53	54	57	72	78 52	56	85 56	88 58	58	67	76 49	53	58	93	96	97	93 73	70		81.6
ALTOONA HORSESHOE CURVE	MAX	78 45	73 50	67 57	67 59	71 55	59	79 63	73 60	65	85 64	77 65	71 45	76 49	79 54	75 51	74 45	79 48	80 50	82 51	79 56	72 45	73	81 42	85 49	53	92 58	92 59	86 68	85 65	84 62		78.9 54.4
ARENOTSVILLE	MAX	77 49	81 54	68 58	66	78 61	60	86 66	88 58	72 58	66	92 64	83 58	64 55	78 58	78 54	7 8 5 2	80 50	81 54	85 54	88 57	83 53	71 46	78 48	54	87 56	91 61	95 60	97 68	94 67	91 65		82.1 57.5
AUSTINBURG 2 W	MAX	75	79 44	84 54	79 61	69 57	79 56	84 61	78 50	83 55	63	80 55	76 45	47	75 47	70 49	71 39	74 48	75 44	78 42	82 54	77 43	62 39	70 41	80 41	84 46	88 48	90 50	93 55	90 60	84 59		78.4 49.8
BAKERSTOWN 3 WNW	MAX	81 47	79 58	74 59	71 61	76 61	84 59	81 58	85 59	88 65	90 64	78 62	77 47	77 48	77 56	82 54	82 48	79 46	81 46	85 50	78 62	65 41	74 37	80 40	85 49	87 55	90 58	95 66	91 66	85 65	86 67		81.4 55.1
BEAR CREEK OAM	MAX	76 41	76 42	75 50	71 60	74 61	75 61	80 63	78 54	68 51	81 59	83 57	71 49	53 46	71 46	67 51	63 38	72 40	78 43	77 47	80 54	77 43	60 39	75 38	79 42	83 47	86 46	88 52	88 56	87 66	75 65		75.6 50.2
BELLEFONTE 4 S	MAX	84 52	78 45	72 56	72 60	71 59	80 64	81 65	83 59	76 58	85 65	89 61	79 49	56 48	79 55	74 54	78 44	76 46	79 47	82 50	82 58	80 48	69 45	76 46	84 48	86 50	93 55	92 58	94 63	86 66	85 64		80.0 54.6
BERWICK	MAX MIN	81 47	80 52	77 58	76 65	81 62	85 62	82 62	70 60	85 62	88 64	80 64	67 51	71 51	74 54	69 53	72 48	81 48	81 55	86 53	82 62	68 48	76 42	84 43	87 48	90 54	93 54	93 58	85 62	82 69	91 69		80.6 56.0
SETHLEHEM LEHIGH UNIV	MAX MIN	89 56	78 56	77 60	87 66	88 66	90 68	83 62	75 60	91 65	95 60	82 62	66 58	82 54	77 58	72 58	8 2 5 2	90 54	91 70	94 60	88 61	72 58	80 52	94 56	98 57	102	104	104 72	100 74	82 74	98 72		87.0 61.7
BLAIRSVILLE 6 ENE	MAX MIN	78 56	70 58	66 57	65 56	66 56	80 60	77 62	80 62	82 65	87 60	72 60	65 45	70 47	77 54	67 50	69 53	76 53	78 52	80 58	77 65	65 40	70 40	77 47	82 59	86 63	88 64	89 66	80 66	87 63	85 67	1	76.4 56.8
BLOSERVILLE 1 N	MAX MIN	77 50	80 55	64 54	67	75 60	79 62	86 64	85 56	67 54	86 58	86 61	80 53	60 53	80 56	71 53	76 49	76 51	81 54	84 54	84 58	81 51	70 43	71 50	85 54	82 58	91 62	94	95 68	90 67	89 64		79.7
BRAOFORO FAA AIRPORT	MAX MIN	78 44	78 48	72 53	67	65 58	78 58	74 56	80 54	81 58	82 59	71 42	49	70 47	68 52	68 43	70	70 42	75 42	79 39	70 45	59 39	67 35	78 37	83	85 49	86 49	85 53	87 56	79 61	85 58		74.6 48.7
BRAOFORO 4 W RES	MAX MIN	78 38	78 42	79 49	72	69 54	81 56	79 54	81 47	81 54	85 58	83 56	63	72 45	71 49	68 42	72 36	72 39	76 39	80 36	79 55	66	68	78 34	84	87 43	87	88	87 52	81 61	88 57		77.8
BURGETTSTOWN 2 W	MAX MIN	75 41	82 51	76 56	73 60	68 61	74 56	83 58	76 57	85 62	87 65	88	76 48	61	75 51	77 46	73 40	75 42	80	81	84 54	77	67 35	75 36	82	83 47	89 52	90 55	90	75 63	86 63		78.8 51.3
BURNT CABINS 2 NE	MAX	79 42	80 54	64 58	70	76 58	85	84	79 59	82 63	90	87 61	80 51	77 55	78 56	77 53	78	79	82	83	82	76 49	74	80	84	87	90	92	92	86	87		81.3
SUTLER	MAX	78		84 52	71 62	72 62	75 61	80	82		86	91 61	77	56	75 56	72	43	77	79	81	85 56	77	68	36	83	88	90	92	93	76 65	04		79.5 52.6
CANTON 1 NW	MAX	70	75 47	75 55	70	64	75 57	72	74	71 55	83	80 57	72	52 46	74 46	69	67	79	72	76 50	81	73	60	70 45	76	79	85	89	88	86	79		74.5
CARL1SLE	MAX	82	76 54	69	77	80	89	90	79 55	87 63	91 66	83	74 55	80 56	79 58	79 51	79	83	86	85	85	76	79	85	89 50	94	96	98	61 95 69	92 68	89		84.2
CHAMBERSBURG 1 ESE	MAX	80	66		76	78 58	85	85 65	71 59	86	91 63	80 62	71 52	79 56	79 57	78 55	77	82	83	84	82	70	77	83	86	92	93	94	91	88	90		57.3
CLARION 3 SW	MAX	83	78	76	72	72	84	83	85	85	90	77	59	76	76	73	77	77	82	85	58 77	67	74	84	50 87	90	57 91	91	82	67 88	90		80.4
CLAYSVILLE 3 W	MIN	83	78	78	67	59 74	83	80	57 86	86	90	58 77	73	75	80	75	76	80	82	84	56 81	77	36 75	38	86	89	90	53 91	5 9 8 7	86	88		81.3
CLERMONT 4 NW	NIM	68	69	74	70	69	55 80	59 78	58	78	63 85	82	64	72	70	70	70	43 66	72	80	60 75	70	36 74	38 78	82	84	52 86	56 88	84	63 84	63 88		76.3
COATESVILLE 1 SW	MIN	40 79	80	70	67	54 84	58 82	5 8 8 5	54 86	70	58	52 89	38	64	50 75	38 76	30 74	34 78	36 83	33 87	56 88	38 85	28 69	30 77	34 85	38 90	93	97	48 98	58 94	58 92		45.1 82.2
CONFLUENCE 1 SW OAM	MIN	76	53 81	70	60	60 67	70	81	57 76	57 82	63 84	65 88	58 76	54	53 73	78	48 71	50 76	78	55 81	56 84	75	45 65	48 73	50 83	56 87	57 89	92	67 91	71 88	66 88		78.2
CONNEAUTVILLE	MIM	77	45 84	57 84	82	61 78	56 80	87	62 80	60 85	63 84	90	74	61	53 76	71	46 72	43 76	75	80	52 86	76	63	71	81	86	53 89	91	93	63 87	63 90		52.5 80.3
CORRY	MIN	81	48 80	53 80	74	60 74	58 84	51 80	52 84	83	87	60 86	49 57	72	53 72	72	39 75	48 76	77	82	62 78	62	35 70	34 80	40 89	89	91	92	56 89	86	93		79.8
COUGERSPORT 3 NW	MIN	76		54 73		70	56 82		52 80		63 85	54 77		72					76		58 72	62		35 78		43 87	47 89	86	57 83		63 87		76.4
OEVAULT 1 W	MIN			66	81		56 83	54	50 69	52 85	57 89	54 79		74		45 72	34 75		39 81				32 75	34 83		91		48 95	51 91		57 88		80.9
01x0N	MIN	78	51 83	55 81		60 76	61 82	61	54 78	58 78	63	58 83	52 82	66		54 73	51 66	54 78	5 9 78	58 82	59 86	53	47 64	53 75	59 84		90	69 93	68	67 92	66 78		57.9 80.4
OONEGAL .	M1N MAX	79	46 72	47	51	59	59 76	61 78	59 84	58 81	5 9 8 5	59 75	49 57	70	48	50 74	48 70	45 74		50 78	52 76	50 65	42 72	40 78	40 82	85	50 87	50 88	54 84	60 85	66 81		51.2 76.1
CONORA	MIN	49	56		58	58	58	61	60	62	60	56	46	76	53	49	38	41 81	48	51	55	43	34 76	38	44	48	51	58	60	62	62		52.2
OU BOIS FAA AIRPORT	MIN	49	60		61	61	64 78	63	64	66	60	62	49	52 73	58	53	47	48	54	56		46	43	45	51	56	60	62	69	65	66		57.1
0U 801S 7 E	MIN	50	53	58	59	58	62	60	60	65	61	50	42	48	54	47	46	47	78	49		43	39	43	56	56	58	61	62	65	61		53.5
EAGLES MERE	MIN	42		57	60		80 60	80 56		80 57		58	72 44	73 47	52	73	39	75 41	42	43	62		34	79 36	45	47	51	52		64	58		78.3 50.5
EAST BRADY	MAX	68		55	70 59	59	72 59	60	74 54	53	59	59	72 46	45	69 49	48	65 46	46	72 51	52	57		39	48	75 51	62	60	66	65	63	63		72.4
	MAX	85 45	79 51		62	62	86 61	82 59	87 61	63	65	82 62	75 49	78 49	57	78 49	42	45	84 45	49	85 59	43	38		49	52	54	58	93	64	64		83.5
EBENSBURG	MAX	44	71 50	63 54	56	55	60	60	79 58	62	60	73 60	45	47	53	71 50	42	44	78 45	47		42	38	38	82 46	48	53	55		64	61		76.5
EMPORIUM 1 N	MAX	39	43		58	56	70 58	80 56	77 55	80 55	57	57		50 43	49	73 43	36	38	72 43	77 43	80 46	43	32	35	79 41	44	48	88	53	84 57			76.5 47.7
ENGLISH CENTER	MAX	78 40	81 41	79 51	76 54	72 58	79 57	86 58	82 58	78 60	88 61	90 59	61 52	55 49	78 50	74 44	74 37	77 38	79 40	80 45		79		74 36	85 37		90 46						79.1 47.7
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### DAILY TEMPERATURES

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	verage
EPHRATA	MAX	80	73	69	80	80	84	86	67	84	89	81	67	76	76	75	75	80	84	85	81	72	77	84	86	95	97	98	95	90	88	81.8
ERIE W8 AIRPORT	MIN MAX MIN	53 80 51	56 82 62	59 76 61	59 72 61	77 64	62 83 64	77 61	56 81 57	60 80 68	68 76 62	64 69 51	56 55 51	54 69 50	57 65 54	55 69 49	73 48	52 72 57	58 74 53	57 86 50	74	55 61 47	49 69 47	74	80	58	89	90	70	85	89	59.1 76.6
EVERETT 1 SW	MAX	76 48	76 52	68	65	74 59	75 58	84	82	85 66	83	93	77 51	58	77	80	68	75 48	77 48	83 50	50 85 50	85 43	81 49	45 74 42	50 86 44	54 84 54	55 95 58	68 94 60	67 90 66	70 82 66	89 70	56.5 80.0 55.1
FARRELL SHARON	MAX	90 52	88 62	83 63	73 64	80 65	88 65	86 68	90 61	88 69	92 68	80 62	62 53	80	74 60	76 54	83 48	79 55	83 52	87	84	67 46	77	88	96 51	94	94	97	94 70	88 70	92 68	84.4
FORO CITY 4 S OAM	MAX	76 45	82 51	75 57	73 61	72 61	72 60	84	80 61	85 61	86 65	90 62	77 46	56	75 52	77 49	74 42	76 44	78 48	81 48	84 50	78 42	66 39	74 40	82	86 51	88	92 57	91 56	80	87 64	79.2
FRANKLIN	MAX	79 45	83 47	82 47	77 57	83 65	73 64	83 60	84 60	86 58	84 57	78 47	70 52	79 50	75 57	74 48	78 44	78 48	81 46	84	80 44	68	74 39	84 40	88 46	89	91 55	93 55	92 62	88 65	92 66	81.7 52.1
FREELANO	MAX	74 48	72 51	71 55	73 62	72 58	78 61	79 69	71 53	82 60	76 60	76 56	72 53	72 48	70 53	72 54	71 52	72 52	76 53	79 53	76 53	72 46	76 52	72 47	78 54	88 58	88 58	86 63	86 68	82 63	86 63	76.6
GEORGE SCHOOL	MAX MIN	78 49	81 49	73 57	71 62	83 59	84 60	84 62	73 52	78 56	85 59	89 59	74 59	62 53	73 55	74 50	70 46	78 48	81 52	86 57	85 61	86 59	82 42	78 48	86 51	90 56	95 59	97 63	98 64	97 69	95 68	82.2 56.1
GETTYSBURG	MAX MIN	78 49	81 55	67 57	6 <b>5</b> 59	78 62	80 61	84 68	88 58	72 58	87 68	91 65	81 57	63	78 60	80 56	78 50	78 50	81 55	87 56	86 61	78 54	69 49	78 48	85 53	88 55	93 61	95 62	96 70	95 67	91 65	81.7 58.1
GRATERFORO 1 E	MAX	78 49	80 50	72 55	69 62	81 62	82 62	84 62	82 57	70 57	86	90 61	75 58	64	75 51	72 55	72 46	76 47	81 50	85 54	87 55	83 59	66 46	76 48	85 51	89 52	92 58	95 59	97 64	95 69	87 69	80.9 56.0
GREENVILLE	MAX	85 45	83 53	79 59	73 62	81 61	90 59	86 60	90 55	89 66	90	80 61	66 49	77   47	75 55	75 48	83 40	81 51	84 45	85 46	83 63	69 44	77 37	85 37	90 46	92 50	94 53	96 56	94 61	90 65	91 66	83.8
HANOVER	MAX	80 53	82 55	66 58	66 57	76 62	83 62	86 63	8 <b>9</b> 58	68 57	87 60	91 64	82 58	63 55	79 58	79 58	78 56	77 51	82 52	86 60	86 62	82 56	72 46	80 47	87 54	90 57	94 61	96 65	98 69	95 68	92 66	82.4 58.3
HARRISBURG W8 AP	MAX	82 53	71 58	71 63	79 66	85 66	89 65	88 64	68 59	89 65	92 67	84 66	67 58	79 . 58	76 60	78 57	77 52	8 2 5 2	84 58	88 58	85 62	73 55	81 48	86 54	90 56	94 58	97 64	99 66	95 72	91 72	93 70	83.8
HAWLEY	MAX	77 44	82 46	79 47	74 49	77 58	80 59	81 60	68 55	74 56	8 2 6 2	81 55	71 51	55 50	72 48	69 50	64	74 44	76 44	79 48	83 51	78 50	60	72 40	80 44	84 48	87 46	89 47	90 55	91 62	71 65	76.7 50.7
HOL TWOOD	MAX	79 55	67 57	68 60	80 65	7 <b>9</b> 66	83 63	84 64	68 60	87 63	91 69	82 67	71 59	75	76 60	76 60	75 56	82 55	82 60	85 60	81 65	71 57	76 53	83 56	87 60	86 63	94 62	95 67	93 72	91 73	89 71	81.2
INDIANA 3 SE	MAX	82 40	76 49	72 57	70 60	71 57	82 63	80 59	83 60	85 59	89 64	77 60	70 48	75 51	77 56	73 46	75 40	79 42	81 44	85 46	77 62	68 43	74 35	83 37	87 46	89 49	91 52	92 56	84 65	87 63	90 63	80.1 52.4
JAMESTOWN 2 NW	MAX	75 44	82 53	81 53	78 62	74 61	79 59	86 57	81 53	85 65	94 63	8 B 6 O	74 48	58 46	75 55	72 50	72 39	76 51	75 45	80 45	82 58	75 44	64 36	72 35	80 43	85 47	86 51	91 55	92 58	87 60	86 63	79.5 52.0
JOHNSTOWN	MAX	62 45	65 57	85 60	71 62	73 59	73 61	85 61	75 64	73 69	87 61	92 63	80 49	61 48	76 57	75 56	73 48	86 47	82 49	85 51	88 60	85 46	72 44	77 43	88 50	89 52	92 52	96 58	95 68	90 65	80 67	80.4 55.7
KANE 1 NNE	MAX	75 37	80 40	80 50	74 52	70 55	67 56	80 51	77 53	83 53	84 58	86 57	75 43	49 44	73 48	72 40	70 32	70 37	74 38	77 35	81 47	73 40	62 29	69 30	82 37	85 41	88 42	88 46	89 51	83 60	83 55	76.6 45.2
KARTHAUS	MAX	81 41	80 43	78 50	75 57	70 59	75 60	83 55	85 57	8 2 5 8	85 60	90 58	79 48	54	78 53	77 44	75 38	77 40	79 42	82 44	85 47	80 44	67 35	75 36	84	86 44	91 47	91 52	92 54	81 59	85 60	80.1 49.1
KEGG	MAX	80 43	69 55	65 57	72 60	74 55	85 59	82 65	85 65	86 59	8 8 62	77 61	62 50	75 53	81 55	74 53	79 46	81 46	84 51	84 52	83 58	67 47	75 40	85 41	87 46	91 50	94 55	94 56	89 67	86 65	87 65	80.7 54.6
LANCASTER 2 NE PUMP STA	MAX	82 51	78 54	69 59	79 63	7 <b>9</b> 61	85 61	87 64	79 57	88 61	91 66	88 65	80 57	77 56	76 56	75 56	78 51	79 51	86 56	85 54	81 59	72 55	79 47	87 49	88 51	94 56	95 59	97 62	95 67	90 69	87 68	83.5 58.0
LANOISVILLE 2 NW	MAX	77 50	79 55	69 59	68 61	78 62	80 61	84 66	84 57	65 62	85 64	8 8 6 5	80 57	62 55	76 55	73 54	74 49	75 48	80 54	84 53	86 60	82 54	69 45	76 47	84 49	88 56	91 57	94	96 67	93 69	90 68	80.3° 57.3
LAWRENCEVILLE 2 S	MAX	83 43	84 45	78 55	74 63	84 57	87 66	80 63	80 62	88 57	85 62	80 57	76 48	77 48	74 47	71 48	75 40	77 43	80 48	85 46	81 65	67 43	73 36	84 38	86 43	90 48	92 48	92 51	89 57	84 63	92 66	81.6, 51.9
LEBANON 4 WNW	MAX	78 56	79 55	69 58	67 60	77 63	79 62	84 63	85 55	64 56	85 62	88 62	80 56	61 52	77 55	75 53	74 51	75 53	81 56	83 57	84 60	81 54	69 46	76 54	85 57	88 59	91 62	94 66	95 69	92 68	89 67	80.2 58.2
LEWISTOWN	MAX	77 47	77 50	74 57	72 60	74 62	81 62	85 63	87 61	72 60	87 65	91 64	82 56	59 55	80 56	76 56	78 48	78 46	82 49	85 54	86 55	84 52	71 44	77 44	84 46	87 53	92 54	94 60	95 62	90 62	88 68	81.5 55.7
LOCK HAVEN	MAX	79 45	82 50	79 51	74 58	73 60	79 60	88 62	85 61	86 63	88 64	92 63	81 50	60 51	81 54	76 49	77 43	78 45	80 48	83 50	85 50	8 2 4 8	70 40	78 42	86 51	87 50	91 55	93 58	94 62	81 65	88 67	81.9 53.8
MAOERA	MAX	75 39	78 40	75 47	72 57	69 55	71 55	77 57	80 58	<b>77</b> 57	82 58	85 58	76 47	52 47	74 49	76 47	73 39	75 40	77 40	79 44	82 44	77 43	64 32	72 36	83 37	85 45	87 50	89 57	90 52	82 60	83 59	77.2 48.3
MARCUS HOOK	MAX	84 55	68 60	68 62	83 64	81 63	85 68	87 60	70 59	87 63	92 72	77 62	74 56	76 55	74 62	75 61	77 57	84 58	88 63	88 65	87 63	70 61	78 56	86 61	94 63	93 65	96 68	95 73	94 74	90 73	91 70	83.1 63.1
MARION CENTER 2 SE	MAX	79 51	71 53	68 57	67 58	69 57	80 62	75 59	80 59	82 62	86 62	74 54	57 45	73 48	75 54	73 48	74 43	75 46	78 48	81 52	73 59	64 42	72 38	82 40	84 52	88 54	89 56	89 60	80 65	86 64	87 63	77.0 53.7
MARTINSBURG FAA AP	MAX	78 48	69 55	66 58	70 59	73 58	81 62	78 60	74 59	84 60	87 63	77 57	57 50	75 52	76 55	75 52	75 48	78 50	81 52	81 52	81 59	66 47	74 39	81 43	84 50	88 54	91 60	90 59	86 69	86 64	83 60	78.2 55.1
MEAOVILLE 1 S	MAX	77 43	83 50	81 55	78 62	74 62	75 59	86 59	80 55	84 60	84 65	89 62	75 49	54 45	74 51	71 46	71 41	76 45	77 46	79 45	83 56	75 42	62 37	70 37	80 45	87 47	88 51	90 56	92 59	83 65	87 65	78.8 52.0
MERCER 2 NNE	MAX	80 40	77 54	75 58	74 63	74 61	85 59	82 57	84 54	83 64	88 63	75 60	64 47	74 46	73 55	71 44	76 36	77 46	80	81 42	80 61	69 42	72 33	8 1 3 3	86 42	89 47	91 49	91 53	88	85 65	88 62	79.8 51.2
MERCERS8URG	MAX	78 45	81 54	65 56	64 60	75 59	79 59	85 63	85 58	69 58	86 66	90 61	80 55	65 52	79 59	80 54	77 48	75 48	81 52	84 53	84 58	81 50	70 44	77	85	88 51	91 56	93 58	95 67	92 65	88 64	80.7 55.6
MILANVILLE	MAX																				86 51	80 49	60 39	75 48	83 41	89 47	90	93	94 53	95 60	79 65	
MILLVILLE 2 SW	MAX	77 46	80 48	77 51	72 56	72 60	80 61	85 63	82 58	69 58	82 62	88 61	79 52	55 49	72 52	72 50	72 47	74 45	77 50	79 52	82 54	79 50	66 42	74 45	83 47	85 52	87 55	90	90 61	84 63	81 67	78.2 53.9
MONTGOMERY LOCK AND DAM	MAX	84 48	82 55	75 60	72 62	75 63	86 60	81 60	8 <b>8</b> 60	88 65	90 65	78 62	72 50	77	78 57	75 52	78 44	80 48	84 47	85 51	80 61	69	77 43	83 42	88	91 53	91 56	92 59	85 65	88 65	91 65	82.1 55.1
MONTROSE	MAX	72 48	78 50	78 52	75 54	72 59	78 59	78 60	74 54	72 54	81 60	75 55	75 45	50 45	72 47	69 49	62 45	71 46	75 46	75 48	81 53	75 44	58 39	68	76 49	82 53	84 53	87 56	88 57	89 63	80 63	75.0 51.6
MORGANTOWN	MAX MIN	78 49	65 53	67 58	79 62	78 63	83	86 59	74 55	83 59	85 62	89 62	78 54	75 52	72 53	72 53	76 46	80 50	83 58	85	81 61	72 52	74 45	84 . 48	86 50	90 56	92 58	94	93 68	87 64	90 65	81.0 56.5
														1														1				
										5	ee Re	erence		Follov 86	-	tation ]	Index															

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	-	Day Of Month	

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Ch-M																Day	Of M	onth														- P. B. G.
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30   31	Ave
MT GRETNA 2 SE	MAX	50	70 53	68 53	74 57	80 59	84 60	85 60	65 55	85 61	90 63	80 61	68 54	76 54	75 54	74 53	76 47	80 48	83 54	87 52	80 57	71 51	75 45	85 47	88 47	92 54	94 59	95 59	95 71	90 69	90 71	81.2 55.9
NEW CASTLE 1 N	MAX MIN	82 45	81 52	78 59	72 61	79 62	88 61	88	87 58	87 66	90 64	77 61	70 49	76 46	76 55	74 49	77 41	77 48	81 46	84 46	83 62	79 40	75 39	82 37	87	90 50	92 53	93 56	93 63	87 65	90 62	82.5 53.3
NEWELL	MAX MIN	79 48	81 45	87 59	72 61	66 61	71 57	83 62	77 59	85 61	88 67	91 63	77 50	71 56	80 60	84 57	79 48	8 4 4 9	87 55	85 50	89 63	78 45	78 42	78 46	87	93 53	97 57	96 58	95 68	85 64	92 65	83.2 55.9
NEWPORT	MAX MIN	79 49	83 48	71 56	70 60	76 63	82 63	87 64	85 57	68 57	90 66	91 64	84 57	60 56	79 58	76 53	79 48	81 49	85 50	87 55	86 55	81 51	75 43	81 46	88	88 53	95 55	96 60	96 62	92 70	87 67	82.6 56.2
NEW STANTON	MAX	80	80 45	72 59	70	73 62	85 62	82	86 62	88	91 64	85 60	61 50	76 52	81 56	75 51	76 42	83	83	84 46	81 46	70 40	73 39	75 42	90	92 48	95 54	95 64	88	90 65	90 65	81.7
NORRISTOWN	MAX MIN	85 53	74 55	70 58	83	84 63	86 65	85	72 59	89 63	91 63	78 62	71 57	77 54	74 57	74 59	79	83 55	86 59	89 61	86 63	72 56	78 49	88	91 55	94	97 63	99	96 71	89 71	92 69	83.7
PALMERTON	MAX MIN	79 50	74 50	72 56	78 63	79 64	83 64	76 64	68 55	85 61	87 65	73 60	65 53	75 53	71 52	68 52	77 47	79 48	83 52	86 53	80 59	69 47	74 41	83 45	86 49	91 54	93 55	94 58	82 64	77 70	87 69	79.1 55.8
PHIL OREXEL INST OF TEC	MAX MIN	83	72 59	68 61	83	83 62	86 67	84 59	70 59	86 63	91 64	74 63	69 58	77 57	75 62	76 57	78 55	81 59	85 62	88 63	84 62	70 60	78 55	88 57	90 60	95 66	98 68	98 72	94 73	89 69	89 68	82.7
PHILADELPHIA W8 AP	MAX	82 48	72 56	68 62	85 63	84 62	85 66	85 60	70 59	86 64	91 63	74 62	69 56	76 54	73 55	75 54	77 49	80 51	85 59	87 61	85 59	71 50	77 48	84 47	89 55	94 58	97 58	97 65	97 67	91 69	90 66	82.5 58.2
PHILADELPHIA PT BREEZE	MAX M1N	86 60	73 62	73 62	82	83 70	84 68	85 61	70 60	85 64	90 65	76 63	72 60	75 58	74 62	72 62	77 60	84 62	87 66	88 68	86 67	73 64	78 59	8 8 6 3	92 70	95 69	98 76	97 74	96 76	93 73	96 76	83.6 65.5
PHILIPSBURG FAA AP	MAX	73 38	70 47	66 57	63	70 58	76 58	79 61	71 58	79 57	84	72 52	52 46	74 49	69 52	70 44	71 37	75 39	77 40	79 43	74 53	62	70 35	78 35	81 42	85 42	85 49	87 52	81 58	80 62	87 58	74.7 49.5
PHOENIXVILLE 1 E	MAX	82 47	80 51	71 58	83 59	83 61	85 61	84 64	74 57	87 61	90 64	85 60	75 57	76 51	76 51	74 55	77 51	8 2 50	85 54	87 55	84 57	76 59	82 43	8 5 4 6	88 48	92 54	95 55	96 61	94 65	87 69	90 68	83.5 56.4
PITTSBURGH W8 AP 2	MAX	81 47	76 59	71 58	68 61	72 59	83 57	78 59	84 59	87 66	89 63	76 56	59 49	74 49	78 57	74 52	74 46	78 48	82 49	83 54	76 51	67 44	75 39	82 42	87 50	89 55	92 58	93 62	77 68	87 65	89 66	79.4 54.9
PITTSBURGH W8 CITY	MAX	82 52	76 63	73 62	70 63	73 63	86 60	81 64	87 66	90 69	92 65	79 58	62 52	78 53	80 61	76 56	78 52	82 54	85 56	8.5 58	79 54	69 47	77 48	83 49	88 53	90 60	93 63	94 67	81 73	90 70	90 70	81.6 59.4
PLEASANT MOUNT 1 W	MAX	72 41	76 40	75 46	73 54	71 55	75 54	77 56	63 52	69 52	78 60	74 54	65 46	50 46	69 43	69 49	54 44	70 40	73 45	74 45	79 52	74 45	55 37	68 43	75 44	81 48	82 43	85 52	86 56	87 62	70 64	72.3 48.9
PORT CLINTON	MAX MIN	79 45	81 46	73 51	70 52	78 55	80 59	85 58	84 54	67 55	85 59	87 60	74 51	61 48	76 49	74 50	72 42	77 41	81 47	83 46	87 54	81 50	67 36	76 39	85 41	88 47	92 48	93 53	95 58	88 63	80 64	80 • 0 50 • 7
PUTNEYVILLE 2 SE OAM	MAX	77 43	80 50	75 56	71 59	69 59	71 61	83 58	82 58	86 61	85 63	90 60	77 47	56 48	76 53	78 48	73 39	76 43	77 45	81 46	83 52	77 43	65 37	74 38	83 43	86 50	88 53	90 56	91 53	80 58	87 64	78.9 51.5
QUAKERTOWN 1 E	MAX	82 47	80 48	72 56	80 62	79 62	82 60	82 62	70 57	87 61	87 63	86 59	75 55	73 52	73 49	72 55	76 44	80 46	82 53	86 50	85 52	80 56	75 41	83 43	87 47	92 53	93 53	94 58	93 63	85 68	88 68	82.0 54.8
READING W8 CITY	MAX	82 55	74 57	70 62	82 64	82 65	85 66	87 61	68 59	86 63	90 66	81 64	70 55	78 55	74 59	74 58	78 54	84 55	86 60	88 60	80 64	71 57	77 53	86 56	88 57	93 62	95 65	96 70	94 74	89 72	91 70	82.6 61.3
RENOVO	MAX MIN	82 42	85 43	82 47	77 49	70 57	83 58	88 59	86 59	85 59	90 61	94 59	84 48	57 47	82 50	77 46	78 39	80 41	84 43	85 48	88 48	81	71 36	79 38	88	91 45	94 48	95 51	95 55	87 59	85 60	83.4
RIOGWAY	MAX	77 41	81 43	81 49	74 59	69 57	71 58	82 56	80 57	85 56	84 61	88 59	77 46	52 45	76 50	74 45	71 37	76 37	75 42	79 43	82 45	75 43	63	72 35	84 37	86 45	89 48	90 50	90 51	84 57	84 60	78.4 48.2
SALINA 3 W	MAX	81 43	79 54	71 57	68	69 61	82 63	80 57	83 60	86 60	89	77 61	74 44	73 45	77 56	72 48	74 41	78 44	80 47	83 47	80 62	73 43	73 39	81 37	87 45	89 49	89 53	92 58	80 66	87 63	88 65	79.8 53.1
SCRANTON	MAX M1N	78 48	82 49	84 54	80 59	81 64	81 64	85 63	80 58	75 59	84	8 4 6 2	79 51	56 49	76 51	74 53	73 44	78 46	79 49	84 51	89 56	83 50	65 47	73 49	83 48	88 53	90 55	93 56	94 62	95 65	75 67	80.7 54.9
SCRANTON W8 AIRPORT	MAX MIN	81 50	81 53	76 56	79 64	80 63	84 62	79 60	73 58	84 61	83 65	78 60	60 50	72 50	71 52	64 52	73 44	77 49	80 50	84 54	80 62	63	73 47	80 49	84	87 55	90 53	92 61	91 65	75 68	87 67	78.7 56.0
SMIPPENSBURG	MAX	81 48	78 54	64 58	72 62	76 59	83 60	85 68	78 58	83 63	90 68	88 63	78 50	76 56	77 57	75 55	77	80 50	83 56	83 56	82 60	76 51	77 46	83 48	87 52	92 56	95 60	95 62	92 68	88 68	88 65	82 • 1 57 • 5
SLIPPERY ROCK	MAX MIN	80	78 56	72 58	70 64	74 61	84 61	80 61	84 54	83 65	88 65	75 61	62 48	74 49	74 55	70 50	73 45	74 50	80	82 51	79 61	63	71 41	78 42	84	86 55	87 58	89	85 66	84	87 66	78.3 55.5
STATE COLLEGE	MAX	77 49	79 55	73 58	70 60	69 63	77 63	80 64	84 58	74 58	84	89 62	78 49	55 50	78 55	73 53	76 50	77 50	80 50	81 54	83 62	80 47	67	75 46	84 53	84	90 60	92 63	93 68	84 66	85 64	79.0 56.5
STOYSTOWN	MAX MIN	74 42	77 47	68 55	64 57	65 56	69 58	80	76 59	80 61	81 63	86 59	73 45	54 45	71 49	75 51	70 43	73 45	77 46	79 49	79 52	75 42	62 37	70 40	82 46	8 4 5 2	87 53	90 57	89 59	82 62	87 62	76.0 51.7
STROUOSBURG	MAX MIN	81 45	81 44	78 48	77 61	80 59	84 59	79 58	74 56	83 59	86 61	73 55	62 47	77 47	73 48	67 50	75 44	79 42	83	88 48	78 52	64	76 38	82 42	88	90 50	92 47	93 53	89 58	77 67	89 67	79.9 51.4
SUNBURY	MAX MIN	79 49	83 50	77 54	73 58	76 60	84 61	88	91 57	73 58	87 63	91 63	82 52	57 50	79 55	76 50	76 45	80 45	82 48	84 52	85 53	80 51	71 41	79 42	86 45	87 50	93 53	95 57	97 60	87 65	86 67	82.1
TIONESTA 2 SE OAM	MAX	74 41	80 50	78 53	75 57	73 60	71 58	82 59	81 59	85 59	85 63	88 60	75 46	54 47	75 53	74 48	71 43	76 44	76 47	79 47	82 50	74 43	63 39	72 40	83 42	86 49	88 53	90 54	90 59	82 63	84 65	78.2 51.7
TITUSVILLE WATER WORKS	MAX MIN	79 38	77 43	74 49	70 59	68 58	80 53	78 53	80 52	80 57	84 60	78 53	54 43	70 44	69 52	68 44	72 34	72 38	75 37	80 37	75 53	59 39	68 32	78 30	84 36	85 42	82 43	89 48	82 51	81 59	85 59	75.9 46.5
TOSYHANNA	MAX MIN	76 44	75 40	70 52	71 58	73 59	77 60	78 56	68 51	80 56	80 57	74 54	66 38	70 44	67 48	64 50	72 42	73 39	77	80 45	76 56	70 45	70 37	77 44	82	80 45	87 46	87 51	86 56	74 63	84 64	75.5 49.5
TOWANDA 1 ESE	MAX MIN	80 43	79 47	76 50	73 63	78 58	83 59	81 63	78 59	85 61	84 63	79 57	76 49	74 49	73 49	67 53	74 45	78 43	79 47	84 50	81 61	68 47	72 41	80 41	83 45	87 51	90 50	91 54	92 58	81 66	90 66	79.9 52.9
TOWER CITY 1 S	MAX	76 46	77 48	70 54	67 60	74 62	78 61	83 60	84 56	65 57	83 61	86 60	80 55	56 51	75 51	69 54	72 42	75 42	79 48	80 48	83 55	79 52	67 38	74 42	81 43	84	87 52	90 54	92 61	87 65	85 65	77.9 53.1
UNIONTOWN	MAX	83 60	80 62	72 63	66	69 62	83 63	81 63	83 62	85 67	91 73	78 64	75 51	75 54	81 60	77 56	75 47	8 0 4 7	82 53	84 55	81 67	72 48	74 42	8 2 4 5	85 50	87 55	90 57	90	87 70	87 65	87 66	80.7 58.3
WARREN	MAX	83 44	83 49	79 54	76 60	69 59	85 59	80 59	86 56	88	90 63	85 56	56 46	76 49	71 53	72 46	77 41	77 45	80 45	86 42	74 63	65 45	73 39	83 39	90	91 51	92 49	94 52	89 58	90 61	92 63	81.1
WAYNESBURG 1 E	MAX	76 42	84 48	76 53	71 57	68 60	72 54	83 60	79 60	87 61	85 64	89 61	77 48	63 48	75 54	80 50	74 42	75 43	80 49	83 47	85 50	75 43	68 38	75 39	83 43	85 48	88 52	91 55	94	80 60	87 62	79.6 51.7
WELLSBORO 3 S	MAX MIN	71 46	75 50	74 53	72 57	66 59	77 55	81 60	75 57	76 57	84 61	80 58	75 44	51 44	73 50	68	68 43	71 47	74 49	76 49	81 53	74	61	70 43	79	82	86 57	89 59	88		81 65	75.4 52.4

### DAILY TEMPERATURES

PENNSYLVANIA JUNE 1963

Station																Day	Of Mo	onth															age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
WEST CHESTER	MAX	80 51	84 54	71 51	66 54	83 59	83 60	87 62	88 53	69 56	87 61	93 58	78 53	69 49	77 53	75 52	77 47	79 53	83 56	90 58	90 58	86 55	70 46	8 I 5 2	89	91 61	97 64	99	101 70	96 68	96 64		83.
WEST GROVE 1 SE	MAX MIN			68 58	67 59	80 63	79 62	83 67	85 61	67 57	85 62	89 64	80 56	63 53	73 55	74 57	73 51	75 53	80 58		85 58	83 58	82 48	75 47	83 58	87 64	83 61	93 64	95 69		90 66		80
VILLIAMSPORT W8 AP	MAX MIN	79 47	75 51	75 56	73 64	80 62	88 62	83 64	71 60	87 64	90 65	82 62	62 51	78 50	73 55	73 52	78 47	81 49	84 51	84 54	78 63	68 48	76 43	85 46	87 50	91 54	93 57	95 59	83		89 67		80.
ORK 3 SSW PUMP STA	MAX	80 49	77 52	66 59	80 64	83 62	86 60	89 64	80 58	86 62	90 67	90 65	80 57	78 56	78 57	76 52	77 53	82 48	84 54		84 64			86 45	89 49	92 53		96 58		91 67	90 65		84 . 57 .
ION GROVE	MAX	76 42	80 45	75 <b>51</b>	72 57	75 60	80 60	83	84 58	70 58	86 64	88 63	79 53	55 47	74 49	72 53	69 42	75 41	80 47	80 47	83 54	80 51	65 36	73 38		85 42		90 53	92 58		80 66		78. 51.

#### DAILY SOIL TEMPERATURES

	T															D	-1				-					_							0
57477011 4410 050711	1															Day	of mo	nth						,									rag
STATION AND DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELD R5CH LAB																																	
8 INCHES	MAX MIN	67 62	68 63	69 65	70 67	71 68	73 69	73 70	74 69	75 71	73 71	71 67	67 61	66 61	68 64	68 63	70 64	72 67	73 68	74 68	73 70	70 66	71 66	73 67	76 69	78 71	-	=	=	=	-		71.3 66.7
LANDISVILLE 2 NW	ВАМ	58	60	60	60	61	62	64	65	62	64	66	64	60	60	60	60	60	62	62	64	64	60	60	62	64	64	66	68	69	69		62.7
STATE COLLEGE 2																																	
2 INCHES	MAX MIN	77 57	73 60	67 62	66 62	74 62	75 65	78 65	75 65	76 66	82 68	77 67	67 60	75 58	76 62	74 61	79 58	<b>7</b> 7	78 60	82 61	75 66	70 59	73 55	83 56	86 61	88 63	90 65	90 67	80 70	82 70	87 69		77.7 62.7
4 INCHES	MAX MIN	71 59	67 61	65 62	64 62	69 62	•71 64	75 65	74 69	74 68	76 68	73 68	68 61	69 59	71 63	69 63	73 61	72 62	73 62	75 63	72 66	68 62	69 58	75 59	77 63	80 65	81 67	81 68	75 70	77 70	81 70		72.8 64.0
8 INCHES	MAX MIN	60 57	65 62	63 62	63 62	67 62	68 64	71 65	71 67	70 66	72 67	70 68	69 62		68 64	67 64	69 62	69 64	70 64	71 65	69 67	68 63	66 60	70 61	72 65	74 66	75 68	76 69	73 71	74 70	77 70		69.4 64.6
12 INCHES	MAX	63 60	63 61	62 61	62 61	63 61	65 63	65 64	64 63	66 64	68 66	68 67	68 63	64 62	65 64	65 64	66 63	66 65	67 64	67 65	68 66	67 64	64 62	66 62	68 65	69 66	70 67	71 68	71 69	70 69	72 68		66.4
16 INCHES	MAX	60 59	61 60	61 60	61 60	62 60	63 62	65 63	64 63	65 63	66 65	67 66	66	64 62	64 63	64 63	65 63	65 64	66 64	66 64	67 65	66 64	64 62	65 63	66 64	67 65	68 66	69 67	69 68	69 67	70 67		65.2 63.5

ERIE CO FIELD R5CH LAB - MAX AND MIN FOR 24 HOUR5 ENOING AT MIONIGHT.

SLOPE OF GROUND: FLAT. 50IL TYPE: LAKE TERRACE CLASSIFIED AS CONDITION GRAVELLY LOAM. GROUND COVER. RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

LANGISVILLE 2 NW

- SLOPE OF GROUND: GENTLE SLOPE TO THE WEST. SOIL TYPE: OUFFIELD CLAY LOAM. GROUND COVER: PERMANENT BLUEGRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION: WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2

- MAX AND MIN FOR 24 HOURS ENDING AT MIONIGHT,
SLOPE OF GROUND, GENTLE SLOPE TO THE SOUTHEAST, SOIL TYPE: HAGERSTOWN SILT LOAM, GROUND COVER, KENTUCKY BLUEGRASS
KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES, INSTRUMENTATION; COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING
POTENTIOMETER.

### EVAPORATION AND WIND

Station																1	Day o	f moi	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BEAR CREEK DAM	EVAP WIND MAX MIN	.26 59 82 51	.28 68 80 50	.23 58 77 54	.09 106 68 57	.09 59 73 60	.14 72 78 63	.19 48 79 63	.16 68 79 57	.09 69 70 52	.15 57 81 60	.21 60 83 62	.09 79 71 53	.07 77 54 47	.12 58 70 47	.09 62 70 51	.09 60 61 47	.21 44 76 49	.25 46 81 51	.22 45 81 54	.25 59 80 55	.15 83 76 53	.18 85 62 42	71 74	.32 59 81 51	.28 41 81 54	.33 58 86 54	39		36 82	27 72		5.57 1800 76.1 54.4
BELLEFONTE 4 5	EVAP WINO MAX MIN		.12 30 87 53	.28 47 88 58	- 41 73 60	.04 33 72 63	.10 56 77 67	76	.27 45 88 64	.16 56 80 63	.07 100 85 65	.27 92 92 63	.25 128 80 52	55	.22 59 -	.18 51 - -	.29 61 -	.27 40 -	.20 37 -	.23 41 -	.27 101 -	.26 84 - -	.21 98 - -	. 25 68 - -	.27 25 -	.30 27 -	.30 27 -	.30	.30 39 -	.16 26 90 69	26 88		8 6.51 1702 -
CONFLUENCE 1 SW OAM	EVAP WINO		.25 38	.13	* 35	.04	.05 48	.14		.13	.19 60	.26 61	.22 71	.10	.17 31	.21	.24		.20		.18	.13	.20 57	.23 28		.30	. 25 16						5.40 965
FORD CITY 4 5 DAM	EVAP		.24 29	.16 37	.05	* 34	.09		.10	.18	.21 35		.26 116	.06			.29 58	.20	. 14	. 22	.27	.18		. 25 46			. 24			.07			5.40 1162
JAMESTOWN 2 NW	EVAP	.19	.26 40	.03		.05	.11	.00			.24	.19	.20 52	.03	.17	.13	.24	.19	.19	. 21	.19	.11	. 20	.21		.25	.23	.26 16		.10	.16		5.12 724
KANE 1 NNE	EVAP WIND MAX MIN	.21 18 66 53	.22 19 86 54	.13 22 86 56	.08 12 70 61	.04 11 71 61	.01 14 72 61	.07 13 79 61	.13 18 86 60	.17 18 87 63	.15 32 85 63	.17 30 89 64	.20 58 80 50	14 50	.18 55 81 48	.13 24 79 55	. 24 33 82 49	.15 15 83 50	.10 13 74 53	.21 26 83 52	.17 23 85 52	.11 37 72 50	.13 35 71 44	.19 34 79 44	.23 18 86 47	.18 14 91 53	. 23 9 93 57	.21 14 92 57	.18 14 91 59	11 85	11 88		4.50 665 80.7 54.7
LANOISVILLE 2 NW	EVAP WIND MAX MIN	.24 43 87 54	.26 49 87 56	.07 60 71 61	* 145 66 60	.22 52 80 66	. 24 65 86 64	.19 36 88 65	.30 85 90 58	.02 52 67 61	.19 48 87 63	.36 59 75 66	.19 70 84 66	.17 86 66 52	.15 60 75 54	.25 107 82 56	.15 32 76 54	.21 26 87 54	.25 45 90 58	.29 35 95 59	.29 53 89 59	.16 76 83 51	.30 88 76 46	. 33 74 81 46	.30 # 96 56	67	.45 41 100 51	.31 30 101 54	* 43 94 65	.50 20 90 70	74		6.79 1681 83.8 58.4

MAX AND MIN 1N DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

### CLIMATOLOGICAL DATA

PENNSYLVANIA DELAYED OATA

				Ten	pera	erul											Preci	pitation					
											No. 0	f Day	8					Sno	w, Sleet		1	lo, of	Days
Station	E	. F		rre					δαγι	М	ax.	м	in,		re	Day			Depth		More	More	More
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree	90° or Above		32° or Below	O° or Belgur	Tatai	Departure From Norm	Greatest Day	Date	Total	Max. De an Grou	Date	.10 or M	.50 or M	1.00 or /
APRIL 1962																							
COUGERSPORT 3 NW	54.B	2B.4	41.6		В4	26	8	3	695	0	0	22	0	4.09		1.09	1	7.2	4	2	10	2	1
OECEMBER 1962										,													
BELLEFONTE 4 S BURNT CABINS 2 NE WEST CHESTER	34.4 38.5M M	15.3 17.2M 17.7M	24.9 27.9M M		66 65	2 2+	- 2	31 12 31	1244 1145			31 30 26	2 1 1	D 2.05	- 1.75	.93 0 .70	6	10.0 21.5 11.0	1	10 30	4 6 4	1 2 2	0 0
JANUARY 1963																							
MARCUS HOOK	36.5	23.3	29.9	- 5.9	47	20	4	24	1083	0	7	25	0	2.07	- 1.29	.66	12	4.7	22	26	7	1	0
MARCH 1963																			ļ				
CHAMBERSBURG 1 ESE	51.7	31.3	41.5	1.4	77	25	19	3	721	0	0	19	0	5.06	1.29	.78	4	6.0	7	1	12	5	0
APRIL 1963																							
JAMESTOWN 2 NW	58.5	34.3	46.4		В2	3	24	16+	553	0	0	16	0	2.76	87	1.07	20	•0	0		7	2	1
								L											l				

### DAILY PRECIPITATION

																											-		-				
Station	Total														Day	of N	lonth																
Station	To	1	2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL 1962																																	
COUDERSPORT 3 NW	4.09	1.09	. 2	2					. 37	• 2	2	.27			.24	.22	•02	•02				.22			. 34	•01				.01	•09	۰75	•
OECEMBER 1962																																	
BELLEFONTE 4 S BURNT CABINS 2 NE CAMP KLINE WEST CHESTER	1.54 D 2.05 2.19 1.62					T	C	0 .70 .19	1.37		T	•19 •10 •17 •05			т			D0+05	Ť			Ť	0 •20 T	+24 +05 +28 +52	т		D .20	T			0 .50	.18 .05 .18	
JANUARY 1963																																	
CAMP KLINE MARCUS HOOK	1.76					т	т			Ţ			↑ •03	•49 •66					Ţ	Т	•17 •18	.31	•02	Т	T .16			.22	•51 •23	T		T • 0 5	*09 * T *
FEBRUARY 1963																																	
CAMP KLINE	.92		т		19							.09	.07	т	-10	Ť	.06					•2B				+02	.11	т					
MARCH 1963																																	
CHAMBERSBURG 1 ESE SOUTH MOUNTAIN	5.06 5.09		.1			.78	.40 1.10	•61 •47	. 24			•02		•31 •72				-15	•45 •58		•70	•10 •75	T	т				•22	.39			T	т :
APRIL 1963																																	
JAMESTOWN 2 NW TURTLEPOINT 4 NE	2.76 3.54	•1	3 5 •0	4		•85 •68	•01				.10		T • 04							•02 •78	•13 •04	1.07	.02		•12 •60	+04	-01					•24	:
MAY 1963																																	
HYNOMAN	1.50	•04	•													•01				.31	+02			• 36				. 42	•02	. 32	2		

### DAILY TEMPERATURES

PENNSYLVANIA

																Day	Of Mo	nth								-							age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
APRIL 1962																														,			
COUDERSPORT 3 NW	MAX		36 19	37 8	47	59 21	52 31	54 41	52 30	47	52 31	49 24	47 24	39 30	39 29	34 19	35 21	41 14	47 22	47 32	50 29	65 16	79 42	68 36	57 22	77 29	84 35	83 37	82 42	74 54	79 55		54.8 28.4
DECEMBER 1962						-																											
BELLEFONTE 4 S	MAX		66 22	56 20	52 22	50 24	53 26	34 24	32 26	33 23	30 14	25 9	21	16	12	16	31 7	33 21	35 29	37 25	48 28	32 10	27 12	39 23	34 14	24 14	35 19	35 3					34.4 15.3
BURNT CABINS 2 NE	MAX	65 18	65 21	60 22	60 23	57 24	54 28	32 25	38 27	35 24	30 14	24 3	- 21 - 2	16	21 8	22	33 19	38 26	41 33	49 22	48 30	32 14	36 15	43 31		35 15	39 19	34 4	39 11	38 17	34 14		38.5 17.2
WEST CHESTER	MAX	34	33	30	36		37	24	25		16	11	7	5	8	7	11	17	21	26	28	11	11	24	15	19	14	14	15	18	12	- 7	17.7
JANUARY 1963																						1											
MARCUS HOOK	XAM				40 32	42 27	36 30	42 27	42 33	40 30	46 30	44 34	42 36	39 24	32 18	37 22	36 22	46 28	41 36	38 35	47 38	40 14	34 14	42 16	16 4	22	34 20	38 17	20 9	25 8			36.5 23.3
MARCH 1963																																	
CHAMBERSBURG 1 ESE	MAX	33 22	39 27	49 19		38 34	42 32	42 34	46 29	42 26		35 27						74 36			48 32		44 31	55 24	73 30	77 38	72 37	60 42	73 40		62 36		51.7 31.3
APRIL 1963																																	
JAMESTOWN 2 NW	MAX MIN	65 42	67 49	82 52	77 32	40 27	47 26	62 33	51 24	51 37	46 26	41 29	49 24	51 27	53 32	53 24	53 24	62 44	77 43	61 41	74 52	60 36	72 29	47 37	44 33	47 28	56 27	60 32	63 29	78 40	67 49		58.5 34.3

### EVAPORATION AND WIND

Station																1	Day o	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
APRIL 1963 JAMESTOWN 2 NW	EVAP WINO		-	-	-	-			1.1	1.1	1.1	1.1	1.1	1.1	-	1.1	1.1		1.1		- *	.15	.24							.19	.11		=

		NO.		DE 1	UDE		TIM	VATION E AND BLES	N			NO.		÷ 32	DE	JQD.	NOTTA.		RVA E A	.ND	1 % 9
	STATION	DADEX	COUNTY	DRAINAGE	LONGITUDE	ELEVATION TEMP.	al.	EVAP. SPECIAL	and some	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVAT	TEMP.		l et	OBSERVER
AL AL AL	METONIA LOCK 5 LENS MILLS LENTOWN WB AP LENTOWN GAS CO TOONA MORSESMOE CURV	0099 0104 0111 00134 0147	CLINTON	1 40 52 1 41 12 9 40 59 9 40 59 6 40 50 16 41 22	79 49 79 55 75 26 75 28 79 29 71 56		7/ D MII P 9/ 8/		HJ U .S LEF	RRS DE ENGINEERS ARLES H. ALLEN S. WEATHER BUREAU HTOM VALLEY GAS DIV. TOONA WATER BUR. VIN R BUSH OAM	LAKE MIMISINK LAKEVILLF 1 NNE LANCASTER 2 NE PUMP SI LANCASTER 2 NE EILT PI LANOTSVILLE 2 NW LAURELYON STATE VILLAG	4763 4778	WAYNE LANCASTER LANCASTER LANCASTER	19 4 15 4		75 05 79 19 76 17 79 17 76 26 77 19	1390 [440 255 270 360 875	φη :	A P	ic G	MRS. TREME FOREMAM MRS. GLADYS REINERE LANCASTER WATER BUR. LANCASTER WATER BUR. DA. STATE COLLEGE
AF AL RA	POLLO 2 W RENDTSVILLE ISTINBURG 2 W RERSTOWN 3 WNW	0513 0555	WESTMORELAND ADAMS 71 10GA ALLEGHENY	7 40 55 15 39 55 15 42 00 1: 40 59	79 56 77 18 77 52 79 59	1230	14 84 14 74 1P 36		PGI	GENE R. YOUNG STATE COL. EXP.STA. TO O. BACON H. CUT ELOWER CO.	LAWRENCEVILLE 2 S LERANON 4 WMW LEBANON 5 SW LEHIGHTON	4875 4893 4896 4994	TIOGA LEBANOM LEBANON CARBON	15 4 15 9	1 59 10 21 10 19 10 50	77 07 76 29 76 28 75 43	1000 590 490 590	9P  9 7A	7A TA	K	PA. DERT. OF WELFARE HARRY P. MONLAND LFON MILLER THONAS DOMNACHIE GOODWIN S. DEFREMN
96 96 96 96 86 86 86	IRNES AR CREFK DAM AR GAR AVER FALLS AVERTOUN CHTELSVILLE LLEFONYE & S RNE RWICK THLEHEM	0455 0447 0475 0482 0488 0550 0599 0611	WARREN LUZERNE NORTHUMBLANO BEAVER SMYOER BERKS KENTRE BERKS KOLUMBIA NORTMAMPTON	1 41 40 4 41 07 15 40 50 2 40 46 15 40 45 14 40 22 76 40 51 13 41 04 9 40 37	79 02 75 44 76 30 80 19 77 10 75 38 77 47 76 00 76 15 75 23	900 760 640 400 1110 325	74 36 74 74 74 84 84 84	BAC	J COF ROA HOS MAR PAU ROC FLO	RPS OF ENGINEERS ARING CREEK WATER CO. WARD R. KEMP RLIN F. ETTINGER UL W. FISHER CKYLEW PRISON FARM OYD W. TRUMP RWICK IND DEV ASSO IN TY OF BETHLEHEM	LE MOY LEWIS MUN 3 SE LFWISTOWN LOCK MAVEN 1 LOCK MAVEN 2 LONG POND 2 W LYNCH MADERA MANAFFEY MAPLE GLEM	4984 4992 5104 5109 5160 5275 5336 5342	BRADFORO MC KEAN MIFFLIN CLINTON LUNTON FOREST CLEARFIELD MONTGOMERY	16 4 16 4 16 4 16 4 16 4	61 41 61 50 60 55 61 08 61 08 61 03 61 36 60 50 60 53 60 11	76 45 78 39 77 35 77 27 77 27 75 30 79 03 78 26 78 44 75 11	1040 1740 480 680 630 1860 1295 1460 1280 380	7A 7A	7A 7A 7A 7A 7A 7A 7A 7A	K K K	LEAMON M. BAUMAN RUSSELL LINEMAN 4 ARFICAR VISCOSE CO. JOHN P. FRLY HUGH F. PARKER THOMAS MECKES COMPS OF ENGINEERS MRS. JULIA J. SHOFF MISS ELLEN J. MILES FRANCES E. SCHEIDNER
8 L 8 L 8 L 8 L 8 L 8 L 8 L 8 L 8 L	THLEHEM LEMIGM UNIV. AIN AIRSVILLE 6 ENE AKESLEF CORNERS OSERVILLE 1 N SWELL 1 SW ADDOCK LOCK 2 ADDOORD FAA AIRPORT IADFORD FAA AIRPORT IADFORD 6 W PES	0725 0736 0745 0765 0821 0861 0865 A0867	NORTHAMPTON PERRY LINDIANA MONROF EUMBERLAND SOMERSET ALLEGHENY MC KEAN MC KEAN NC KEAN	9: 40 36 15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 40 24 1 41 48 1 41 57	75 22 77 31 79 09 75 36 77 22 79 02 79 52 78 36 78 39 78 44	750 2048 1650 650 1810 725 2121 HI	D 126 P 86 A 84 74 74 D M10 84	c	PA- U+S WAL MRS COF H FEC	MIGH UNIVERSITY  DEPT. FRST. + WIRS.  S. WEATHER BUREAU LITER WILDRICK S. ERSIE H. WILLOERS  S. EMMA SHAULIS D. AVIATION AGENCY ADFORO FIRE DEPT.  ADFORO WATER OEPT.	MAPLETON DEPOT MARCUS HOOK MARIENVILLE 1 5W MARION CENTER 2 5E MARION SENDER, FAA AP MATAMORAS MC COMMELISBURG MC KEESPORT MEADOW RUN PONDS MEADVILLE 1 S	5390 5400 5408 5454 5470 5526 5573 5601	HUNTINGOON DELAWARE FOREST INOIANA BLAIR PIKE FULTON ALLEGHENY LUZERNE CRAWFORD	5 1 1 6 5 12 10 15	00 24 39 49 11 27 10 45 10 18 11 22 39 56 10 21 11 13 11 38	77 56 75 25 79 09 79 02 78 19 74 42 78 00 79 52 75 40 80 10	170		7A ED 7A 7A	K K K K K K K K K K K K K K K K K K K	MRS, I. S. BUCHANAN SUM OIL CO. ROY A. MARKEB COMPS OF ENGINEERS H FOO. AVIATION AGENCY HARRY BISLAND OAVIO W SHIVES JR U S CORPORATION GEOPGE PEARAGE 1 CITY OF MEAOVILLE
818 818 1818 1818 1818 1818 1818	REEZEWOOD  UUCETON 1 S  KKSTOWN 1 SE  IFFALO MILLS  IFFALO MILLS  IROT TOOMN 2 W  IRNT CABINS 2 NE  ITTLER  SUBSTATION  MP KLINE  NITON 1 NW	1033 1073 1087 1105 1113 1130 1155 1205	BEOFORO ALLEGHERY SOMERSET BEFFORD WASHINGTON HUNTINGOON BUTLER BUTLER LYCOMING BRAOFORD	6 40 00 10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 16 41 16 15 41 40	78 14 79 59 78 50 78 39 80 26 77 52 79 54 79 53 77 20 76 52	990 5 1100 6 1140 590	MIC 73 84 74 75 1A 84 74 74	c	AUS CLI SMI PA. WAL	TURNPIKE COMM. STIN R. COOPER VIN W. MANGES IFFORD C. ADAMS ITH THR, MUN, AUTH TURNPIKE COMM. LLACE A LOZA ST PEMN POWER CO. SLIE O. OOWLING SMILORED SPENCER	MEOIX RUN MERCER 2 NNE MERCER HIWAY MERCERSBURG MEDWINSBURG MEYFRSOALF 1 W MILAN 2 N MILANVILLE MILLERSBURG 2 E MILLHERM MILLHEM MILLERSBURG 2 E MILLHEM MILLHEM	5662 5676 5686 5731 5738 5775	MERCER MERCER FRANKLIN MONROE SOMERSET BRAOFORD	2 4 12 1 9 4 17 1 15 4 15 4	1 14 19 49 10 58 19 45 11 56	78 24 80 13 80 15 77 54 75 28 79 02 76 31 75 04 76 56 77 29	1100 1160 1250 615 985 1960 770 760 560 1079	7A	7A. 7A: 3A: 9A: 7A	K K K K K K K K K K K K K K K K K K K	HRS.E. M. SNYDEP HRS. FRAN. STRUIMERS PA. DERIN. STRUIMERS PA. DERIN. HIGHMAYS MAS. ROBERTA C GILBERT ARTHUR AN SMITH CHARLES E. STROUD CHARLES W. DAVIS RUSSELL SMEPLEY NEVIN E. BOMERSOX
CA CA CA CA CA CA CA CA	RLISLF  RROLLTOWN 2 SSE  RTER CAMP 2 W  DAR RUN  LADDS FORO  LAMPERSBURG 1 ESE  LARLERO!  LARLERO!  LARLERO!  LARLERO!  ARENCE  ARENCE  ARION 3 SW	1255 1262 1301 1342 1354 1372 1377 1480	CUMBERLAND CAMBRIA POTTER LYCON ING DELAWARE FRANKLIN WASHINGTON WESTMORELAND CENTRE CLARION	15 40 13 16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 08 10 40 09 16 41 03 1 41 12	77 12 78 42 77 45 77 27 75 37 77 56 79 55 79 54 77 56 79 26	1040 749 1390	PI 65 84 74 74 74 75 1P 95 74 1P, 74	C C	H ROE RIC KAT E+ CH4 WES COF MRS	RROLL G. MILLER BERT F. MAURER CHARO L. MENLEN THRYN T. KREIGHBAUM EARL TOUCHTON APLES A. BENDER ST PENN POWER CO. RPS OF ENGINEERS S SUSAN VERBITSKEY ELECTRIC CO.	MILLVILLE 2 SW MILROY MONIGOMERY LOCK AND O MONIROSE MORGANTOWN MT GRETMA 2 SE MOURT UNION 1 M MURRYSYILLE MYERSTOWN NATRONA LOCK 6	5825 AM5902 5915 5956 6028 6067 6111 6126	COLUMBIA MIFFLIM BEAVER SUSQUEHANNA BERKS LANCASTER MIFFLIN WESTMORELANO LEBANON ALLEGHENY	6 4 11 5 15 6 10 6	41 06 40 43 40 39 41 50 40 09 40 14 40 24 40 26 40 22 40 37	76 34 77 35 80 23 75 52 75 54 76 26 77 53 79 42 76 18 79 43	860 770 692 1560 595 670 820 900 480 800	7A HID H MID H	7A 9A 7A 10 1D	2 2 2	KENNETH LEIGHOW THOMAS C. HARRESON CORPS OF ENGINEERS RALPH TAYLOR PA. TURNPISE COMM. PA. TURNPISE COMM. MT. UNION WATER WORKS DAVIO C. SHAW MR.S. ATHLEEN WANDELL CORRS OF ENGINEERS
C0 C0 C1 C1 C1	AUSSVILLE AMSVILLE 3 W EARFIELD ERMONT ERMONT 4 NM ATESVILLE 1 SW MFLUENCE 1 SM DAM MFLUENCE 1 NM MNEAUTVILLE MNELLSVILLE	1512 1519 1529 1534 1589 1705 1710 1720	LEHIGH WASHINGTON CLEARFIELD MC KEAN MC KEAN CHESTER SONERSET FAYETTE CRAWFORO FAYETTE	9 40 37 11 40 07 16 47 01 1 41 41 1 41 44 5 39 58 17 39 48 17 39 50 6 41 45 17 40 01	75 39 80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 79 56	1100 2104 1620 5 342 8 1490 8	P 74 74 74 1A 84 74 1A 94 84	C C BAC	MF C 1R A MR S PH I COF JOH S.	LLIAM J. DOTTERER GRS. L. + M. CO. A TAYLOR S. TILLIE M. SIMONOS S. TILLIE M. SIMONOS ILA. ELECTRIC CO. RPS OF ENGINEERS HN L. REIO CARLYLE SHELOOM SMALL B. MENEFEE	NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEW PARK NEW STANION NEW TRIPOLI NORR ISTOWN NORTH EAST 2 SE	6194 6233 6246 6289 6297 6310	PERRY WESTMORELAND LEHIGH MONTGOMERY	10 15 6 10 14	40 40 40 09 41 01 40 05 39 44 40 29 40 13 40 41 40 07 42 12	77 55 74 57 80 22 79 54 76 30 77 08 79 36 75 45 75 21 79 49	805 780 400 980 570	7A H10: H	2M 5P	K	RA. STATE UNIVERSITY PHILA. SUB. MATER. CO. LEWIS W. HAMHITON CO. CLIMTON JEALLEN MRS. FRANCES K. FRY PA. TURNPIKE COMM. FREO CO. OSWALO BOROUGH OF NORRISTOWN ELLSWORTH MEAVER
C0 C0 C0 C0	NNELLSVILLE 2 E NSHOMOCKEN INCSSBURG IRAOPOLIS NEVILLE IS IRY IUDERSPORT 3 NW IUDERSPORT 6 E VINGTON 2 WSW EEKSLOF FSSON 2 SE	1737 1749 1773 1790 1806 1809 1833 1881	FAYETTE MONTGOMERY CLARIOM ALLEGMENY ERIE POTTER POTTER TIOGA INDIANA CAMBRIA	17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 46 15 41 44 1 40 41 6 40 27	79 33 75 19 79 13 80 05 79 39 78 03 77 53 77 07 79 12 78 34		84 84 84 84 74 74		PHI PAL PGH H RIC MIS	RRY C. JOY LLA. ELECTRIC CO DERI. FRST. + WIRS. M. COKE - CHEM. CO. CHARD I. MOUNTAIN SS ELIZABETH NEFF INACTIVE 4/16/63 LVIN R. PACKARO RPS OF ENGINEERS ED A. PLEMPEL	NORTH PHILADELPHIA APT ORWELL 2 MW PALMERTON PASKER 1 PASKER 1 PAUPACK 2 WNW #PHILADELPHIA WE AP #PHILADELPHIA WE AP #PHILADELPHIA PEREZE	6622 6681 6689 6721 6724 6762 EC6879 6889	PHILADELPHIA BRADFORO MONTGOMERY CARBON ARMSTRONG CLARIOM PIKE PHILADELPHIA RHILADELPHIA PHILAOELPHIA	15 14 9 1 1 1 14 5	60 05 61 55 60 26 60 48 61 05 61 06 61 24 39 57 39 53	75 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15 75 12	1140 1100 1360 30 7	M1D M	7A BA ID	2 2 2 2	AIRPORT GUAROS ELWER T. MODRE MRS MELEN ESCHBACH MRS MELEN ESCHBACH NO JERSE MILARREY P. M. NET MELARREY MISS L. VETTERLEIN FRANCIS K. DAVIS. JP. JU U.S. WEATHER BUREAU ATLANTIC REFINING CO.
01 01 00 00 00 00	NVILLE VAULT 1 W NGMANS FERRY XON NEGAL WHORA VILESTOWN 18FTWOOD 18D15 FAA AIRPORT 18O15 7 E	2116 2160 2171 2183 2190 2221 2245 2260	MONTOUR CHESTER PIKE WYOMING WESTMORELAND WASHINGTON BUCKS CAMERON JEFFERSON CLEARFIELO	15 40 58 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 16 16 41 20 1 41 11 16 41 06	76 37 75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 54 78 38	1746 MI 900 5 358 880 181 MI	A 74 D M10 iR 58	MIO H	PAR THO HAF H PAR THE KAF STO	S. HARIE H. LITTLE - TURNPIKE COMM. OMAS A. HOTALEN ROLO J. KUSCHEL - TURNPIKE COMM. CODORE F. MATHUES RL W HISTANO DNEY KENNED ONEY TO AVIATION AGENCY TY OF OU BOIS	RHILIRSBURG FAA AR PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AR 2 WPITTSBURGH WB CITY RLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNKSUTAWKEY PUTNEYVILLE 2 SE OAM	6927 6939 6993 6997 7029 7116 7161 7217	CENTRE CHESTER LUZERNE ALLEGHENY AALLEGHENY WAYNE SCHUYLKILL JEFFERSON ARMSTRDNG	14 4 15 1 11 4 14 4 14 4	00 54 00 07 11 18 00 30 10 27 11 44 10 35 10 42 10 57 10 55	78 05 75 30 76 08 80 13 80 00 75 27 76 02 76 11 79 00 79 17	105 1320 1137 749	MID H H10 M 8A 7A	7A: 10 10 8A: 7A: 8A	מא הההההה	PHILA. SUB. WATER COMM. HARRY SHELOON HJ U.S. WEATHER BUREAU U.S. WEATHER BUREAU
EA EB EB	INLD ISHORE Z SSW GLES MERE IST BRADY INBORO	2325 2343 2363 2466 2514	CAMBRIA SULLIVAN SULLIVAN CLARION CAMBRIA ERIE	4 40 17 16 41 29 16 41 24 1 40 59 4 40 29 1 41 52	78 43 76 25 76 35 79 37 78 43 80 08 78 14	820 2090 1220	A 7/ IP 5F IP 7/ 8/	c	ROE FRA ROE EOI	S. D. L. WHITE BERT J. OBERT ANCIS B. MANLEY B. KEMPEL BERT A. WASSER IMBORO ST. TCHR. COL. S. TALLIE M. BRITTON	OUAKERTOWN 1 E RAYMONO READING WB CITY RENOVO RENOVO 5 S REW RICES LANDING L 6 RICGWAY	7310 7318 7409 7410 7425	BUCKS POTTER BERKS CLINTON CLINTON MC KEAN GREENE	13 14 16 16 16	1 20 1 14 1 54 39 57	75 20 77 52 75 58 77 45 77 46 78 32 80 00 78 45	490 2220 266 660 2035 2250 775 1360	MID M	7A 7A 10 7A 8A	2 2	DENNIS K. FLUCK MRS. RACHEL LAMGAN HJU.S. WEATHER BUREAU ELMER G. BATSCHELET C. F. BILLETTE EDWARD P. CLARK CORPS OF ENGINEERS BORDUIGH OF RIOGWAY
EN EP	GLISH CENTER HRATA  WINUMK 2 HF CO FIELO RSCM LAB	2644 2662 2671	LYCOMING LANCASTER WAYNE	16 41 26 15 40 11 5 41 51	77 17 76 10 75 13 79 51	880 7 465 6 910 740	A 71		H WILL	LLIAM SUDERS ANLEY L. VON NEIDA S. HENRIETTA MURRY ELO RESEARCH LAB.	ROCHESTER 1 N RUSHVILLE RUSSELL SAFF HARBOR	7540 7727 7729 7732	BEAVER SUSOUEHANNA WARREN LANCASTER	15	1 25 40 43 41 47 41 56 39 55	80 18 76 07 79 08 76 23	900 870 1230 270		7A BA	c	OEOUESNE LIGHT CO.  CARL KOPAT2  MIKE L. FERRIE S.H. WATER POWER CORP.
EV FA FO FR GA	ILE WB AIRPORT FRETT 1 SH IRRELL SHARON IRO CITY 4 S DAM IANKLIN FELANO LETON LIGERTOWN	2942 3028 3056 3130	ERIE BEOFORO MERCER ARMSTRONG VENANGO LUZERNE POTTER BERKS	8 42 13 8 42 05 6 40 00 2 41 14 1 40 43 1 41 23 15 41 01 16 41 44 14 40 13	80 11 78 23 80 30 79 30 79 49 75 54 77 38 75 50	1020 6 855 7 950 6 987 6	D MIC IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA 8/ IA IA IA IA IA IA IA IA IA IA IA IA IA I	BAC	H PA	S. WEATHER BUREAU  - TURNPIKE COMM.  ARON STEEL CORP.  ROS OF ENGINEERS  CHARD A BEITH  OREW B. EVANSHA  ANLEY G. LUSH  LTER C. WOLF	SAGAMORF 1 S SALINA 3 W SAXTON SCANDIA 1 E SCHENLEY LOCK 5 #SCRANTON WB AIRPORT SELLERSVILLE 2 NW	7782 7846 7855 7863 7902 7905 7938	INOIANA WESTMORELANO BEOFORO WARREN ARMSTRONG LACKAWANNA LUZERNE BUCKS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40 46 40 31 40 12 41 55 40 41 41 25 41 20 40 23	79 14 79 33 78 15 79 02 79 40 75 40 75 44 75 20	1320 1109 780 2100 783 746 940 530	V	7 A	00 00	CORRS OF ENGINEERS MUN. AUTH. WSTMRLO. CO. MRS. ALVERTA L. HOLMES CLARE E WINERITER CORRS OF ENGINEERS U.S. POST OFFICE U.S. WEATHER BUREAU SELLERSVILLE WATER CO.
GE GE GE GE GE GE	ORGE SCHOOL TITYSBURG TITYSBURG TITYSBURG 1 S ENCORE EN HAZFL 2 NE OAM ENMOORF EN ROCK ENNELLARO OASH OAM BULOSBORO NATERFORO	3218 3225 3298 3311 3321 3330	CHESTER	5 40 13 12 39 50 12 39 48 12 39 49 1 41 34 5 40 06 15 39 48 11 40 35 9 41 15 14 40 14	74 56 77 14 77 14 78 51 78 36 75 47 76 44 80 13 75 27 75 27	135 6 540 5 530 1620 1725 440 620 705 1890 155	BJ 7J	000	MR: COF JOH MR: COF	ORGE M. MART GM C. M.C ILHENNY TIONAL HILITARY PARK S. MARY M. MARTHAN RPS OF ENGINEERS MN J. SHRADER S. E. C. M.C WILLIAMS RRS OF ENGINEERS NRS OF ENGINEERS ARLES A. LEISTER	SHADE GAR 2 NE SMAMDKIN SHEFFIELD 5 W SHIPPENSRURG SINNE MAHONING SIZERVILLE SLIPPERY ROCK SHETHPORT HIGHWAY SHE' SOMERSET FAIRVIEW ST SOUTH CANAGN I NE	7978 8026 8073 8145 8155 8184 0 8190 8244	HUNTINGOON NORTHUMBLAND WARREN FRANKLIN CAMERON CAMERON BUTLER MC KEAN SOMERSET WAYNE	15 15 16 16 2	40 12 40 48 41 42 40 03 41 19 41 36 41 04 48 40 01 91	77 52 76 33 79 08 77 32 78 05 78 11 80 03 78 27 79 05 75 24	920 770 1920 709 790 1230 1345 1510 2140	4P 7P	8A 6P 7A 7A 7A	c ,	MRS, MELEN H. PYLE POARING CREEK WATER CO. WILBUR R. NOROIN KEITH B. ALLEN MRS. FRANCES CALDWELL MRS. AGRES LION R RAYMOND E. MILLER PA. DEPI. HIGHWAYS HOWARD G. PECK EUGENE M. COOK
GF GF HA HA HA	MATERFORD 1 E HEEMSBURG 2 E HEEMSBURG 2 E HEEMSULLF HOVER HRRISBURG WB AP HWLEY 1 S DAM DULLIDAYSBURG DULLISTERVILLE	3503 3515 3526 3662 3699 3758 3761 4001	MONTGOMERY GREENE MESTMORELANO MERCER YORK YORK WAYNE WAYNE WAYNE WAYNE WAYNE	14 40 14 10 39 47 10 40 18 2 41 24 15 39 48 15 40 13 5 41 29 5 41 28 6 40 26 5 41 23	75 26 79 55 79 31 80 23 76 59 76 51 75 10 75 11 78 24 75 26	808 1225 980 6 600 8 335 M1 880 1200 960 1360	8 A	0 0 0	H COF PA. C. H HAP HJ U.: MR:	ATE CORRECTIONAL INST RPS OF ENGINEERS • OPPT • HIGHWAYS EARL MILLER MOVER EVENING SUN S. WEATHER BUREAU S. KATHERINE BATES • POWER + LIGHT CO. • MM M. RINGLER • POWER + LIGHT CO.	SOUTH MOUNTAIN SPRING GROVE PSTATE COLLEGE STATE COLLEGE Z STILLWATER OAM STOYSTOWN STRAUSSTOWN STRAUSSTOWN STROUGSTOWN STROUGSBURG STUMP CREEK	8379 8449 8452 8491 8560 8570 8589 8996 8610	PRANKLIN YORK ENTRE ENTRE SUSOUEHANNA SOMERSET BERKS INOIANA HONROE JEFFERSON	15 16 16 15 4	39 51 39 52 40 48 40 48 41 41 40 06 40 29 40 33 40 59 41 01	77 30 76 52 77 52 77 52 75 29 78 57 76 11 78 55 75 12 78 50	1520 470 1175 1180 1645 1800 600 1880 480	7A 9A 11P 1	7 A	C C C C C C	PA. OEPT, OF MEALTM P. H. GLAFFELTER CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY CORPS OF ENGINEERS VERNOM MONG JACOB KLAMM HARRY F. BENNETT WILLIAM MAGERTY COMPS OF ENGINEERS
HC HC HC HL HL HL	DLTWOOD  MESOALE 4 NH  MESOALE 6 MNH  MESOALE 6 MNH  MESOALE 6 MNH  MESOALE 7 MNH	4027 4043 4044 4047 4066 4159 4166 4190	LANCASTER INDIANA WAYNE WAYNE CHESTER SUSOUE HANNA HUNTINGOON CUMBERLANO BEOFORO INDIANA	15 39 50 1 40 45 5 41 37 5 41 39 5 40 06 15 41 43 6 40 29 15 40 06 12 39 49 4 40 36	76 20 79 06 75 19 75 17 75 56 75 43 78 01 77 18 78 44 79 07	960	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	c	FR: S+ JO: JAP	POWER + LIGHT CO. S. EDNA M. BUSH ORGE C. WILLIAMS IENO E. WALTER H. KURTZ SEPH J. SANAUSKAS MES R. GIENGER TRO P. ODROSH NALD LERMAN YMER WATER SVC. CO.	SUMBURY SUSOUEHANNA TAMAQUA N OAM TIONESTA 2 SE OAM TITUSVILLE TITUSVILLE TITUSVILLE TOBYHANNA TORPEDO 4 TOWANDA 1 ESE	8692 8758 8763 8873 8885 5 8888 8893 8901 8905	MONROE WARREN BRAOFORO	15 14 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 11 1 47 1 45	76 47 75 36 75 58 75 59 79 26 79 40 79 42 75 25 79 32 76 29	480 1020 830 1120 1200 1550 1220 1950 1735 745	8A 7P 5P	7A 7A 8A 7A 8A 7P 5P	0 0 0	
J: JE 9.JC J: K! K! K!	ACKSON SUMMIT MESTOWN 2 NW RESEY SHORE DHISTOWN DHISTOWN 2 ANE 1 NNE ARHAUS GGG ITTANNING LOCK 7 RESGEVILLE 3 W	4325 4363 4385 4390 4452 4450	TIOGA CRAMFORO LYCOMING CAMBRIA CAMBRIA MC KEAN CLEARFIELO BEOFORO ARMSTRONG CARBON	15 41 57 2 41 30 16 41 12 4 40 20 4 40 19 1 41 41 16 41 07 6 39 59 1 40 49 9 40 54	77 01 80 28 77 15 76 55 78 55 78 65 78 43 79 32 75 34	541 1214 1275 1750	774 77 10 M11 VAI	CCC	PA. GEO JOI CT' H RUI ROI PA.	CHIE LAIN  OEPT. FRST. + WTRS.  ORGE R. WACDELL  HMSTOWN TRIBLINE  TYP P. WANNESTOWN  TYP P. WASTOWN  BERT K. SRADFORD  TURNPIKE COMM.  RPS OF ENGINEERS  TY OF BETHLEHEM	TOWER CITY 2 E TROY TUNNELTON TUNTLEPOINT & NE TUNTLEPOINT & NE TUNTLEPOINT & NE TUNTLEPOINT & NE TUNTLEPOINT & NE VANDERBREIFT VIBGINVILLE WARREN	959 8989 9002 9024 9042 9050 9128	SCHUYLKILL BRAGFORO INDIANA MC KEAN BLAIR ERIE FAYETIE WESTMORELANO BERKS WARREM	15 4 6 6 1 10 7	40 43	76 31 76 47 79 23 78 16 78 12 79 48 79 44 79 33 75 52 79 08	835 1100 890 1640 1020 1400 1040 800 350 1280	6P	7A 7A 7A 7A 7A 7A 7A 7A 7A	c +	H MS. LILLIAN S BOWMAN JENNIE L. BALLAND HS., MARY E. WE IMER ROBBER, S. STR. MARY ROBBER OF L. MARMOND HAROLO V. MAMMON

STATION	COUNTY NO.	DRAINAGE †	LONGITUDE	OBSERVATION TABLES	OBSERVER	STATION	ON COUNTY	DRAINAGE †	LONGITUDE	OBSERVATION AND TABLE	ND N
WASHINGTON MATSONTOWN MATNESSUPG 1 E WEBSTER MILLS 3 SW WELLSPORO 3 S WEST CHESTER WEST CHESTER WEST CHESTER WEST HICKORY WHITESSURG WILKES-BARRE	9312 WASHINGTON 9345 NORTHUMBLAND 9367 GREENE 9380 FULTON 9408 TIOGA 9464 CHESTER 9503 CHESTER 9507 FOREST 9505 ARMSTRONG 9702 LUZERNE	16 41 05 7. 10 39 54 8 12 39 49 7. 16 41 43 7 5 39 58 7. 5 39 48 7. 1 41 34 7. 1 40 45 7.	0 14 1200 6 52 490 0 10 940 17 16 1920 5 36 445 19 25 1090 19 24 1530 15 52 610	7A 7A C SA SA SA SA SA SA SA SA SA SA SA SA SA	PA. DEPT. HIGHHAYS WILLIAM BIRO H BOROUGH OF WAYNESBURG MRS. DODA I. LYNCH MARION L. SNUMMAY OAILY LOCAL NEWS COMADD-PYLE CO. MRS. HELEN F. KINNEAR CORPS OF ENGINEERS MRS. MARY G. HIRMAK	MILLIAMSBURG WILLIAMSPORT WB AP WING GAP MOLESBURG YORK 3 SSW PUMP STA YORK 2 S FILTER PLANT YORK MAYEN YOUNGSVILLE ZION GROVE ZION STOLE ZION STOLE ZION STOLE ZION SVILLE 3 SE	9714 BLAIR 9728 LYCONING 9781 NORTHAMPTON 9823 BEGFORD 9933 YORK 9936 YORK 9950 YORK 9966 WARREN 9990 SCHUYLKILL 9995 LEHIGH	6 40 27 16 41 15 5 40 51 6 40 03 15 39 55 15 39 56 15 40 07 1 41 51 15 40 54 14 40 28	76 55 75 18 78 32 11 76 45 76 44 76 43 79 19 12 76 13	80 7A 27 MID MID 65 7A 90 5P 5P 40 8A 25 40 7A 7A 80 8A	ROBERT GUNNETT  JUSS WEATHER BUREAU  MRS. MARY DE MOELZEL  WALTER C. BICE  YORK WATER COMPANY  YORK WATER COMPANY  METROPOLITAN EDISON CO.  HENRY CARLETY  JAMES D TETER  LESLIE MOWATY

\* 1. ALLECHENY 2. HEAVER 3. CONEMUNG 4. CONEMANGH 5. OELAWARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9. LEBIGH 10. MONONGAHELA 11. OSIO 12. POTOMAC 13. LAKE ONTARIO 14. SCHUYLKILL 15. SUBQUERLAWA 16. WEST HEARCH 17. TOUGHIOGENY

#### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologiet at Weather Bureau Airport Station, Harrishurg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figures and latters following the station name, such as 12 SSW, indicate distance is miles and directice from the post office.

Delayed dats and correctioes will be carried only to the June and December issues of this bulletie.

Monthly ned ecasonal snowfall and heating degree days for the 12 months ending with the preceding Juee data will be carried with the July issue of this hullstin.

Stations appearing in the Index, but for which data are not lieted in the tables, either are misming or were received too late to be included in this issue.

Divisions as used in "Climstological Data" Table and on the maps, became effective with data for September 1956. Unless otherwise indicated, disensional units used in this bulletin are: Temperature in 'F, precipitation and evaporation in inches and wind novement is miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 funt diameter unless otherwise showe by fnotnote following the "Evaporation and Wind" Table. Was and Mie ie "Evaporation and Wind" Table and Mie ie "Evaporation and Wind" Table refer to extremes of temperature of water ie pan as recorded during 24 houre ending at time of observation.

Normals for all statioes are climatological standard normale based on the period 1931-196D.

Water equivalent values published in the "Snowfall and Snow on Groued" Table are the water equivalent of enow, sleet, or ics on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the ecompack may result in apparent inconsistencies is the record.

Entries of snowfall in the "Climatological Onta" Table and the "Snowfall and Snow on Ground" Table, end in the "Snawonal Snowfall" Table include enow and elset. Entries of snow on ground include snow, sleet and ice.

Oats in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Scowfall and Snow on Ground" Table, when published, are for the 24 hours eeding at time of observation. The Station Index shows observation times in local standard time. During the summer mosths mose observers take the observations on edulylight eaving time.

Seew on ground in the "Snowfall and Seew on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations enow me ground values are at 7:00 a.m., \$6.5.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", iedicate the following Recording Rain Gage Station. Nourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Hullstin. "Soot Temperature" Teble. "Soot Temperature" Teble. Omissice of data is any manth indicates no enowfall and/or snow se ground in that month. "Supplemental Data" Table.

- OTHER REFERENCE NOTES

  No record in the "Climatological Data" Table and the "Only Temperature" Table is indicated by no entry.
  Interpolated values for monthly precipitation totals may be found in the secual insect of this publication.
  No record in the Supplemental Data" Table; "Only Precipitation totals may be found in the secual insect of this publication.
  Station lador.

  Faster observed one sinute vind appeal. This entation is not equipped with automatic wind inetrumeets.
  Amount included in following measurement, time distribution unknows.
  Therenceters are generally exposed is a shelter located a few feet shows sod-covered ground; however, the reference indicates that the thermometers are exposed to a shelter located on the roof of a building.
  On the roof of a building.
  At This entry is time of observation column to Station Index means after rain.
  Adjusted to a full month.
  Bater equivalect of neorofish in the parties which is entered, less than 10 days record is niesing. See "Only Temperature" Table for detailed daily record. Degree day data, if
  Mon or more days of recording the servation of the following security of the way very slightly from the amounts to be published later in Hourly Precipitation Data.)
  This entry is time of observation column in Station Index means observation and made near equipment.
  This catry is time of observation column in Station Index means observation and made near equipment.
  This catry is time of observation column in Station Index means observation and means equipment.
  This catry is time of observation column in Station Index means observation worthly stating the control of the following day.
  What has entry in time of observation column in Station Index means observation.

  This catry in time of observation column in Station Index means observation.

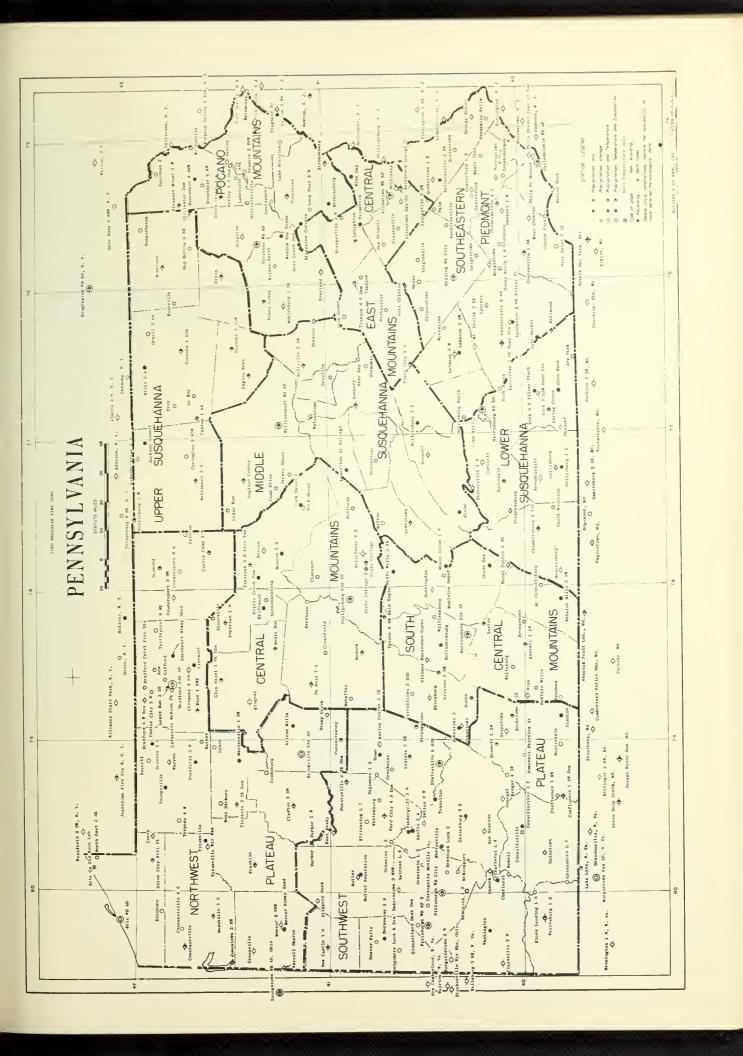
Gomeral weather conditions in the U. S. for each month are described in the publications MONTHLY MEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM OATA, all of shich may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

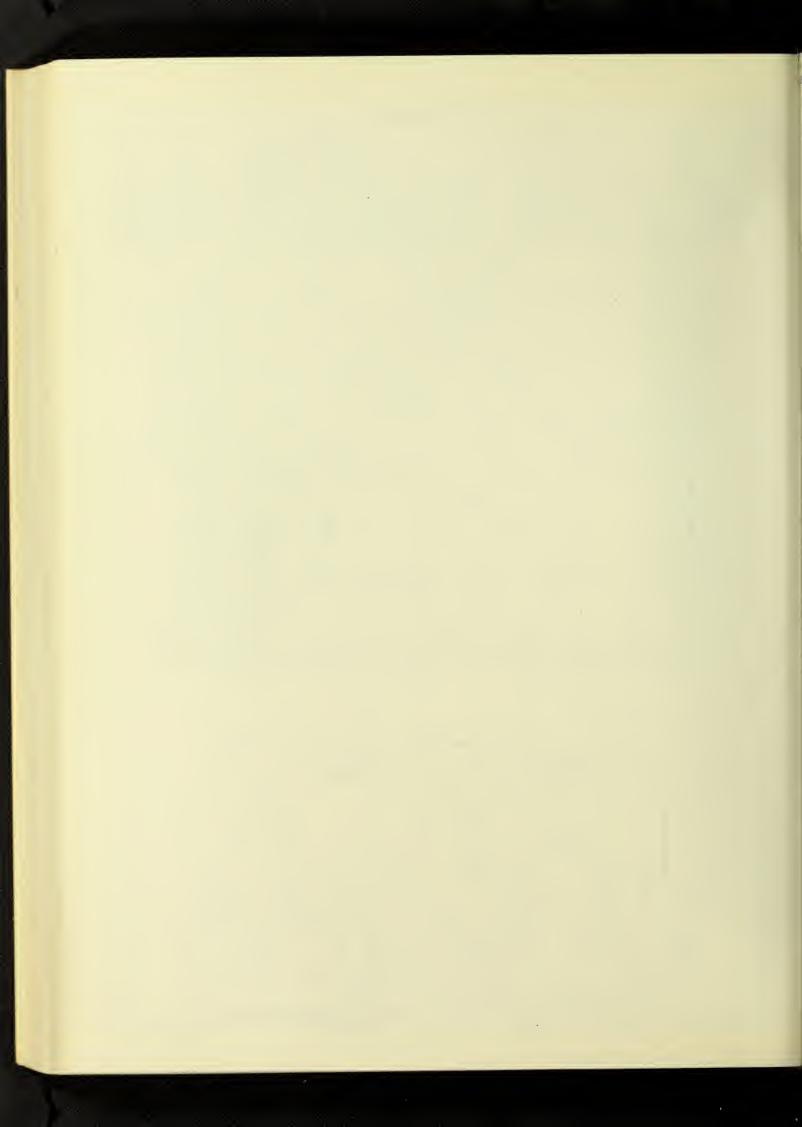
Subscription Price: 2D cents per copy, monthly and ennual; \$2.50 per year. (Yearly subscriptioe includes the Anoual Summery.) Checks and mocey price ehould be made payable to the Superintendest of Documents, Remittance and correspondence regarding subscriptioes should be sent to the Superintendest of Documents, Government Prictice Office, Washingtoe 25, D. C.

Information coeceraing the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar leformation for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

CORRECTIONS

Temperature and Precip- Emporium 1 N itation Extremes Table March 1962 March 1962 Climatological Data Table Emporium 1 N Temperature and Precip- Madera itation Extremes Table Lowest Temperature should be -1° on 3+. March 1962 Climatological Data Table Madera Lowest Temperature should be -1° on 3+. March 1962





## U. S. DEPARTMENT OF COMMERCE

05

LUTHER H. HODGES, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

JULY 1963 Volume 68 No. 7



OCT 2 4 1963

ASHEVILLE: 1963

				Tem	peratu	re							T				Preci	pitatian					
										No	of D	loys						Sno	w, Sleet		No	o. of	Doys
Station	Averoge Moximum	Average Minimum	Averabe	Deporture From Normol	Highest	Dote	Lowest	Dote	Degree Doys	Above x ow	+	Min.		Totol	Deporture From Normal	Greatest Day	Dote	Totoi	Mox. Depth on Ground	Dote	6	.50 or More	1.00 or More
NORTHWEST PLATEAU																							
BRAGFORO FAA AIRPORT BRAGFORO & W RES CLARION 3 SW CLERMONT & NW CONNEAUTVILLE CORRY COUGERSPORT 3 NW OU BOIS FAA AIRPORT EAST BRAGY ERIE WB AIRPORT FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE MEAGVILLE 1 S MERCER 2 NNE TIONESTA 2 SE GAM TITUSVILLE WATER WORKS WARREN OIVISION	76.5 78.5 83.2 80.5 82.4 82.3 77.6 87.0 79.7 86.8 83.0 85.9 79.9 81.3 84.0 81.5 82.6	52.3 50.6 54.0 48.9 55.5 54.5 57.1 58.5 61.9 61.4 57.8 56.9 95.6 49.0 56.4 53.9 55.6	64.4 64.6 68.6 64.7 69.0 68.4 68.0 72.8 70.8 70.8 74.1 71.4 68.9 68.9 68.9 68.9 69.0 68.4 67.4 69.5	- 1.5 - 0.3 - 0.7 - 0.4 - 0.7 - 1.5	88 90 93 94 95 90 91 96 93 94 92 92 92 92 91 90 95	1 2 1 1 1 1 1 1 1 1 2 2 5 2 2 2 2 2 2 7 4 2 7 1	33 32 28 35 33 31 41 40 44 46 37 38 35 30 30 31 31 31 31 31 31 31 31 31 31 31 31 31	99999999999999999	84 84 88 90 51 38 21 20 11 30 17 47 93 43 51 27	1	0000000000000000000	1 0 0 0 1	0000000000000000000	4.23 7.30 5.78 4.26 4.22 5.25 4.16 4.23 1.35 2.71 1.85 4.66 1.65 2.97 3.18 4.50 4.56	1.3696 - 1.73 - 33 - 2.469504	.95 .68 1.34 .48 .78 .88 1.20 .60	17 3 20 19 20 19 14 19 29 20 14 30 3 20 30+ 23 29	.00			7 10 6 6 8 8 8 8 3 5 4 7 4 7 8 6 6 6 8 8 9	5 4 5 3 3 4 5 1 2 2 2 0 2 3 3 4 2 2	0 0 0 2 0 0 2 0 2
POCONO MOUNTAINS																							
BEAR CREEK OAM FREELANO HAWLEY MATAMORAS MILANVILLE PLEASANT MOUNT 1 W SCRANTON SCRANTON SCRANTON STRANTON STRANTON STRANTON STRANTON STRANTON STRANTON STRANTON	80.0 81.3 81.0 86.2 83.1 77.3 85.0 82.5 83.9 79.4	54.2 61.0M 55.5 58.6 54.5 52.8 59.3 60.5 55.7	67.1 71.2M 68.3 72.4 68.8 65.1 72.2 71.5 69.8 66.4	0.9 1.7 0.1 - 2.9	90 90 91 97 94 88 97 92 94 88	2 2+ 29+ 1 3 3 19 2+ 2+ 28+	38 49 39 41 38 36 47 46 36 40	9 4 9 9 9 9 9 9	53 3 44 9 38 86 15 11 28 51	12 10 0 13 6	0000000000	0000000000	000000000	3.62 6.10 5.65 3.68 3.49 4.03 4.03	73 1.8195 - 1.327667	2.56 1.00 1.86 1.7 1.5 1.3 .99	19	.00 .00 .00 .00			8 6 7 7 7 5 7 10 7	3 4 5 3 3 4 2	1 3 2 1 2 0 0
DIVISION			69.3	- 0.7							1			4.28	53			.0					
EAST CENTRAL MOUNTAINS																							
ALLENTOWN WB AP ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON ZION GROVE	86.1 86.6 90.9 83.6 86.0 83.7	62.1 63.5 68.0 59.7 54.6 54.3	74.1 75.1 79.5 71.7 70.3 69.0	0.0 0.6 4.0 - 1.4 - 2.4	97 104 94	1 28 2	48 51 55 45 40 39		24	11	00000	00000	000000	2.48 2.78 2.69 4.09 4.60 4.10	- 2.34 - 1.94 - 1.97 - 1.00 16	1.0 1.2 2.3	5 28 9 29	000		00000	6 7 8 7 6 8	1 3 3	1 0 1 1 1 2
OIVISION			73.3	0.3										3.46	- 1.59			•	1				
SOUTHEASTERN PIEOMONT																					7	3	
PHOENIXVILLE 1 E QUAKERTOWN 1 E	87.6 85.6 88.5 86.4 86.2 86.1 88.2 86.6 88.1 87.7 87.6 88.8 88.8 88.6 88.8 89.4 85.6	61.2 63.1 60.7 61.1 66.3 62.0 60.1 62.1 68.6 61.9 9.6 64.8 67.0 64.8 67.0 64.8 67.0 64.8 67.0 66.9	74.7 73.4 75.8 73.6 73.7 76.2 75.1 73.5 74.4 78.4 73.6 73.1 76.8 77.4 76.0 74.6 72.8 75.2		95 97 97 97 98 96 97 98 95 97 100 97 102 98 98 99 99 99 99 99	27+ 2 29 28+ 1 3+ 2 27+ 1 1 28+ 1 1 19 2 1 20+		9+ 9 9 10+ 9 9 9 9 9 9 10+ 9+ 5 9		9 13 11 12 10 13 12 11 14 8 10 11 14 14 11 11 11 11 11 11 11 11 11 11	0000000000000000000	000000000000000000000	00000000000000000000	3.47 1.71 1.64 4.10 1.55 2.95 1.73 2.26 2.19 4.15 1.79 2.70 1.02 3.44 3.13 3.65 2.42 1.45	- 1.0 - 3.6 9 7 - 2.3 - 3.1	55 55 66 64 1 1 1 1 55 66 63 63 68 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 14 9 21 0 9 9 23 2 20 7 23 5 30 2 28 3 14		000000000000000000000000000000000000000	000000000000000000000000000000000000000	565 545 565 77 287 729 655	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 1 0 0 0 0 0 1
OIVISION			75.0	- 0.7	7									2.48	- 1.9	2		1.	°				
LOWER SUSOUEHANNA  ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG HANOVER HARRISBURG WB AP MERCERSBURG YORK 3 SSW PUMP STA OIVISION	86.8 85.3 88.3 86.9 87.4 88.3 87.4 87.4 88.3	60.6 59.8 7 59.5 62.5 62.5 64.4 7 59.5 2 60.6	73.9 73.0 74.0 72.1 74.5 75.0 76.4 73.6 72.9 74.3	- 0.1 - 1.8 - 2.6 - 1.2 - 0.8 0.5 - 1.4	95 98 98 99 99 99 99 99 99	2 26 2 26 2 29+ 7 2 3 28+ 5 27	51 51 41 48	3 9 7 9 1 9 1 11 <sup>4</sup> 3 9 7 9	-	4 11 9 13 8 9 1 10 2 11 1 13 1 11 5 9 1 13	00000	0000000	0000000	2.62 1.50 1.37 1.97 1.89	- 1.2 - 1.8 - 1.3 - 2.6 - 2.7 - 1.5 - 1.6	9 7 3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	50 30	22 55 5 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	0000000000	0000000000		5 4 5 4 6 6	2 0 0 1 0 3 0 1 0 1 1 1 0 2 2 1 0
MIODLE SUSQUEHANNA									•								70			0	1		1 0
BERWICK ENGLISH CENTER LEWISTOWN MILLVILLE 2 SW	85 • 82 • 86 • 82 •	9M 51.17 2 59.4	72.8		96 96 96	5 274	3	5 10- 6 10-	+ 7	6 10 7 9 7 10 4 5	0	0	0	2.46	5	1.		8	0000	0000	1	5	1 0 4 0 2 1 2 1

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CC	71	1114	UE	v

CONTINUEO													_									-	1903
	-			Ten	pero	ure					No. of		-		1		Preci	Pitation					
													-		-	,		\$no	w, Sleet		N	o. of	Days
Station	Average	Average	Average	Departure From Norma	Righest	Dote	Lowest	Date	Degree Days	90° or Above	32° or Below	16 ja	Delow ar	Total	Departure From Normo	Greatest Day	Date	Total	Mox. Depth on Ground	Date	.10 or More	.50 or More	1,00 or Mon
NEWPORT SUNBURY TOWER CITY 2 E WILLIAMSPORT WB AP	87.7 87.2 83.4 84.6	60.5 57.2 56.3 59.8	74.1 72.2 69.9 72.2	- 1.4	97 98 92 95	28+ 2 28+ 26+	48 43 41 43	9 9 5 9	1 10 23 8	8	0 0 0	0000	0 0 0	2.30 3.38 3.34 3.12	- 1.89 47 - 1.06	.59 .83 1.00	30	•0	0 0		6 9 5 9	2	0 0 1
OIVISION			71.3	- 2.1										3.14	73			•0					
UPPER SUSQUEHANNA																							
AUSTINBURG 2 W OIXON LAWRENCEVILLE 2 S MONTROSE TOWANOA 1 ESE WELLSBORO 3 S	81.7 85.1 82.9 78.9 83.1 80.0	52.6 55.5 54.8 54.7 55.9 54.8	67.2 70.3 68.9 66.8 69.5 67.4	- 1.7 - 1.8	93 96 94 90 95 92	2 2 1 3+ 1 2	33 39 35 38 38 38	9 9 9 9	53 26 39 60 23 49	10 4 2 5	0	0 0 0 0 0	0 0 0 0 0	3.05 3.00 5.70 5.48 2.74 3.10	1.73	1.00 1.48 2.08 1.48 1.41	20 17 20 20	.0	0		7 7 6 7 5	3 5 2	1 1 3 2 1 0
01V1S10N			68.4	- 1.3										3.85	13			•0					
CENTRAL MOUNTAINS																							
BELLEFONTE 4 S OU BOIS 7 E EMPORIUM 1 N KARTHAUS LOCK HAVEN MAOERA PHILIPSBURG FAA AP RENOVO RIOGWAY STATE COLLEGE	84.8 79.8 79.5 83.4 85.3 80.5 77.9 86.7 81.1 82.8	57.9 53.9 51.7 52.5 55.5 51.5 52.3 53.4 51.7 60.1	71.4 66.9 65.6 68.0 70.4 66.0 65.1 70.1 66.4 71.5	- 3·1 - 1·8 - 0·6	95 90 90 94 95 90 90 97 91 93	2 2+ 2 2 28+ 2 1 2 2 27+	41 36 33 37 39 36 35 37 37	9 9 9 9 10 9 10+ 9	11 51 74 45 24 70 76 30 62 14	10 1 1 12 1	0	000000000	0 0 0 0 0 0 0 0 0	2.88 5.45 4.38 2.60 3.30 2.71 2.34 2.95 3.33 4.07	- 1.03 - 1.25 - 1.11 .29	.91 1.45 2.09 .77 1.22 .83 .68 .73 .76	30 20 3 8 3 20 14 3 3	.0 .0 .0 .0 .0 .0	000000000		6 10 9 7 8 5 6 7 7	4 3 1 2 3 2 2 3	0 1 0
01VISION			68.1	- 1.9										3.40	86			•0					
SOUTH CENTRAL MOUNTAINS																							
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW JOHNSTOWN KEGG MARTINSBURG FAA AP	82.3 84.8M 79.2 84.6 86.3M 84.2 82.6	57.6 57.8M 54.3 59.1 59.2M 56.5 57.9	70.0 71.3M 66.8 71.9 72.8M 70.4 70.3	- 0.9 - 2.0 - 0.3	91 92 88 95 96 94 92	1 28 25+ 29+ 2 18 17	40 44 38 48 44 42 44	9 9 11 8+ 9 9	21 10 47 14 12 18	0 8 12 9	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	4.13 1.85 2.88 4.53 4.04 1.83 2.09	41 - 1.62 66	1.03 .95 .73 2.25 1.34 .43	29 3 3 3 20 20+ 19	.0	00000		8 3 6 5 6 5	3 3 0	1 0 0 2 1 0
OIVISION			70.5	- 1.3										3.05	- 1.15			•0					
SOUTHWEST PLATEAU																							
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W BUTLER CLAYSVILLE 3 W CONFLUENCE I SW OAM OONEGAL OONORAL OONORAL OONORAL OONORAL FORO CITY 4 S OAM INOIANA 3 SE MARION CENTER 2 SE MARION CENTER 2 SE MONTGOMERY LOCK ANO OAM NEW CASTLE I N NEWELL NEW STANTON PITTSBURGH WB CITY PUTNEYVILLE 2 SE OAM SALINA 3 W SLIPPERY ROCK STOYSTOWN UNIONTOWN WAYNESBURG I E	84.1 78.5 82.1 83.5 M 85.0 77.2 84.8 83.0 82.0 80.1 85.1 84.9 87.6 85.0 82.7 84.4 84.4 84.4 84.4 83.4 83.4 83.4 83.4	58.2 59.3 53.7 55.9M 54.7 55.6 53.5 59.7 56.2 55.5 56.6 58.9 59.7 56.0 85.9 7 56.1 58.2 55.5 63.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 5	71.2 68.9 67.9 69.7M 69.9 68.3 69.6 68.8 72.0 73.7 70.5 70.8 73.9 67.9 67.9 67.4 71.7	- 2.9 - 2.0 - 3.4 - 1.7 - 1.3 - 1.9	92 91 92 92 93 93 93 94 97 94 95 91 95 90 91 95	18 18 18 17 18 27 28 2 1 1 1 29+ 17+ 17 2 17+ 17+ 17+ 18 18 17+ 18 18 11- 11- 11- 11- 11- 11- 11- 11- 1	42 43 36 39 36 40 37 45 41 39 40 43 38 44 42 51 36 38 41 38 42 42 51 36 37 38 40 40 40 40 40 40 40 40 40 40 40 40 40	9 4 10+ 9 10 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	17 28 54 45 30 38 47 11 31 29 35 15 30 14 19 21 29 32 52 36	0 3 3 8 8 7 1 1 0 0 7 7 7 1 1 1 7 7 8 8 6 6 7 3 3 5 2 1 1 2 2	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	3.06 5.77 2.15 2.61 2.30 4.70 3.32 2.21 4.13 4.40 5.84 5.70 3.95 3.90 3.33 3.45 4.30 3.50 1.92 4.03	- 1.34 - 1.99 - 1.83 32 43 - 1.13	. 97 1.89 6.88 6.61 7.7 1.69 1.08 92 1.03 7.3 1.96 2.34 1.25 80 1.66 7.2 87 1.27 1.00 5.66 5.50 1.18 1.55	21 3 15 3 2 29 3 29 23 29 23 29 20 22 20 23 20 23 20 20 20 20 20 20 20 20 20 20 20 20 20	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	000000000000000000000000000000000000000		5 11 7 5 8 8 4 7 9 6 8 8 8 7 7 5 7 8 6 6 6 9 7 7 8 8 8 8 8 7 8 8 8 8 7 8 8 8 8 8 8	2 3 2 2 3 5 5 3 2 3 2 4 2 4 3 1 1 2	0100001110011100011110001111
01V1S10N			70.0	- 2.1										2.76	17		1	.0		L			

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature:  $104\,^\circ$  on the 1st at Bethlehem Lehigh University

Lowest Temperature:  $28^{\circ}$  on the 9th at Clermont 4 NW

Greatest Total Precipitation: 7,30 inches at Bradford 4 W Reservoir

Least Total Precipitation: 0.72 inch at York Haven

Greatest One-Day Precipitation: 2.74 inches on the 3d at Connellsville

Station	otal						_		_	1					of Mo					10		01	00	00	24	05	20	207	20	20	
	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	+67	• 37	.73	22	23 T	.03	25 2	26 :			.39	35
ETONIA LOCK 3 ENTOWN WB AP R ENTOWN GAS CO OONA HORSESHOE CURVE	4.59 2.48 2.78 4.13 2.12	•61	• 23					•0	• 21	9 2		T		T •23	•26 •76 •01	• 20 • 80	. 25	•10 •32		.04 1	.64 .60	.01 .39	. O3					T	.47 1	•10 •01 •03	32 38 19 69
TINBURG 2 W ERSTOWN 3 WNW NES R CREEK OAM R GAP	3.05 3.06 4.18 4.41 4.80	•01	•67	1.00					• 3: • 8: • 4: • 1:	2	•01	•06	. 41 T	•21	.54	•15 † •68 •47 •29		•40	.50 .41 .73	•06	.00 .97 .35 .64	.12 .03 .20 1.11 .75	T •22 •28	T •10 •05					-01	.34	13
VER FALLS VERTOWN ATELSVILLE LEFONTE 4 S	2.36 3.67 3.48 2.88 2.39	•03		•10 •45 •16 •81					.0: .6:	8 4 6		•11	•05 •10 •08	Т	.01	.53 .35 .32 .31		•02	.04	T	.28 .50 .14 .29	.87 1.14	T •50 T	•12 •37 •10 •66						•04 T •28	23 71 04 91
WICK HLEHEM HLEHEM LEHIGH UNIV IRSVILLE 6 ENE SERVILLE 1 N	3.27 3.13 2.69 5.77 2.98	•02	•27	•				•0	.3	3	т	•17 •03	•22 •03		.43 .24 .79	*14 *01 T	•11	•11 •15 •01 •56	т	•29	.70 .41 .35 1.89	•21 • •10 •02	.01 1.85 .30 .11	•13						•02 •08 •22	30 20 17 02
ELL 1 SW OOCK LOCK 2 FORD FAA AIRPORT FORD CNTRL FIRE STA FORD 4 W RES	3.67 4.04 4.23 4.58 7.30	1.34	.46	1.23				.0	. 2	7		т	Т	.04	•01 •71	•51 •58 T •59	.01	•54 2•26	.79		.16	.48 1.32	•09		. 33 T			.82	T •04 T	•19 •62	.23 .07
EZEWOOO CETON 1 S FALO MILLS SETTSTOWN 2 W	2.24 V 7.79 2.21 2.15	•30										•17	.28	.33	• •24 •36	•51 •36 •30		.04		•11	.30 .67 .14	.08	• 92	•38				•40	.37	•58 •16	.11 .09
NT CABINS 2 NE  FR  KLINE  ISLE  ROLLTOWN 2 SSE	2.61 1.63 2.09 2.99	•14	.10	•61 •37 •11					.1	5		.24	ĭ •12	•06	• • • 53	.56 .31 .49		•12	•32		.41 .19 .45 .90	• •05 •62	• 27	•02	•01				• • • • • • •	.07 .04 .60	.27 .23 .21 .47
ER CAMR 2 W  R RUN JOS FORD JBERSBURG 1 ESE LEROI LOCK 4	2.05 2.62 2.19		•91	+1	7				•0			•07 T	•12		•03 •53 T	•23 •53	T	Т	.09	•25	.27 T	•29 - •25	64	- - 29	-	-	-		- •13 •01	•11 •70 •09	•22
ENCE SION 3 SW SSVILLE SVILLE 3 W RFIELD	5.78 2.15 2.30 2.60			2.11 .01 .01	3				.0	16		•05	•03		•16	.32 .52 .38 .77		•14 •02 •03		т	1.70 .04 .35	.32 .44 .29	•02	.57	.02				• 02 T	• 02	.38 .72 .59
MONT 4 NW TESVILLE 1 SW FLUENCE 1 SW OAM TLUENCE 1 NW REAUTVILLE	4.26 3.47 4.70 4.93 4.22	.59		1.00 1.60 2.2	9				.1				• 22 • 33		.01 .02 .02	.64 .85 .61 .73	•06	•09	.07		.90 T .01 .02	.86 .48 .33	.34 .40 .16	• 32	T •17 T			т	T T .35	•64	.16 .02 .30 .22
HELLSVILLE SHOHOCKEN NOPOLIS NEVILLE IS	1.28 2.74 5.25	.05		2 • 7	5			т	• 2	!5 T			•02		*11 **	.47 .43 .40 .18		T •03	•15	.03	.03	.53 .12 .04	T •55	.17	.38			.26	.02 T .73		.21 .03 .19
DERSPORT 3 NW INGTON 2 WSW EKSIOE SSON 2 SE VILLE	4.16 1.93 5.55 6.15 4.09	•03		.6 .3	5				.2	22			• 0 5			•08 •50 •44 •20		•10 •59	.04 .43		.67 .25	.26 .45 .18 1.05	•05	1.25	.30				•12	1.15	.18 .75 .90 .30
AULT 1 W DN EGAL DRA LESTOWN	1.71 3.00 3.32 2.21 4.48		1.0	.0 8 .0 8 .0	2				1.0	12		•26	7	*07 T	.42 .57 .28	.10	1	.03	T	.08	.34 .22 .26	.41 .20 .04 1.09	•06	.16				T •01	•20	•21 •92 1•54 •61	•11
BOIS FAA AIRPORT BOIS 7 E HORE 2 SSW T BRADY NSBURG	4.23 5.45 3.82 1.35 2.88		.6	4 •1 T	5			Ť	•1	10		•32	• 34		.56 .48	•01 •12 •20 •05 •49		*08 T	•05		.30 .66	• 05	*02 †	.46					.19	•18 1 T	.18 T
DRIUM 1 N LISH CENTER RATA INUNK 2 E WB AIRPORT	1.64 3.67 2.71	-13 T		2 • 0 • 5 • 0 • 3	5			T	• 3	30 34		•07	•17		.51	.50 .27	T	•02	T T	.03	.18 .55 .02 .89		• •21 •53	.02 .21	• 06				•50 •30 •20	•66	.28 .55 .15 .23
RETT 1 SW RELL SHARON D CITY 4 S OAM NKLIN	4.53 1.85 4.13 4.66			2 • 2 • 0 1 • 0 1 • 3	3				T	44	•01			•29	•48 •50	•45		•30	.05		.17 1.34	• 37	.35	.08 .02 2.54	.08	•03			•21 •08	.61 .68	.84 .40
ELAND ETON GERTOWN RGE SCHOOL TYSBURG	3.95 3.89 4.10 1.50			.9	3				•	27 68 78			-1		T •11	•22 •36 •69 •67		.70 .01			.90 .26	1.09	•02 •42						•07	.20 1.10 .28	•28 •33 •20
N HAZEL 2 NE DAM NMOORE NWILLARD DASH DAM LOSGORO TERFORD	4.44 3.74 2.61 4.94			1.0	2					27 10 19 60		. O !	• 3	•07	.64 T	.60 .51 .41		•16 •06 T		Ŧ	.01 .11 1.30	.28 .79		.24				•17	7	.78 .19	.03
TERFORD 1 E ENSBORD LOCK 7 ENVILLE OVER RISBURG W8 AP R	1.59	5	1.0	• 2	13			Т		37 •4	0		T T		.25 .02 .48	•27 •29 •17		•02 •02		T .35	.08 .13 .09	.78 .07	т	• 05 T				_	•05	.03 T .44	.86
LEY LISTERVILLE TWOOD ESDALE 4 NW	3.66 4.1 2.99	7 •1		• 6	2				:	75 T 74 03 73			† †	• 0 9				.10	, o	т	1.02 .96 .02	.32 T	•06 T	.16 1.19 .03				Т	•13	• 99	.83 1.41 .08 1.90
EY BROOK 1 W BOTTOM 2 SE ITSDALE OMAN TANA 3 SE	1.6 2.8 1.4 4.0	1		1.4	1					16 45 07			T		•25 T	•02 •40 •72		•71	*O		1.25 .32	.25 .01 .90	•52	•05	• 02		τ		+40 T	•36 •20 •72 •50	•22 •20 •78
RESTOWN 2 NW RESEY SHORE INSTOWN RE 1 NNE RTHAUS	2.9° 2.4° 4.0° 3.1° 2.6	7 .0 9 4	1	• :	31				•	15 08 77	7	•2	T 6 •1	1 .08	•18 •18	.24 .80 .56	.02		1.1	8	.19 1.34 .33	.10 .71 .11		• 07 • 58	• 02				•06	•50 •23 •04	.12 .39 .22
GG TANNING LOCK 7 ESGEVILLE 3 W EMINISINK	1.8 3.1 4.4 5.4	3 9 4	•	3 T					T .		14	• 31	•0	T	*36 T	•54 •67 •60	.56		.0	.01	1.41	.25 .64 1.57	.08 .60	•35					•08	•15	.72 .97 .26
KEVILLE 1 NNE NCASTER 2NE PUMP STA NO1SV1LLE 2 NW	4.6 1.7 2.2	3		τ	02			Т		04 .05			*0	•11	.31	.54		• 30	)		•52		.35	T						.05 .04	•14

### DAILY PRECIPITATION

Continued									D-//-	1 14																JULY 1	963
Station	Total	1 2 3	4 5 6	7	8 9	10	11		-	of Mo	nth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	28	30	31
LAWRENCEVILLE 2 S LEBANON 4 MNW LEHIGHTON LE ROY LFWIS RUN 3 SE	5.70 2.19 2.43 4.21 5.43	.01		•10	T .50 .40 T .55		ř.	•01		.09 T	.44 .21 .40		Z.08	·14 ·03 ·63	1.35	1.58 .18 .08 .95 .72	.03 .01 .29 1.21 .11	.02	.01 .06 .26		.18	.40		•03	•14 •35	.09 .65 1.22 .15	
LEWISTOWN LOCK HAVEN LONG PONO 2 W LYNCH MAOERA	3.41 3.30 4.40 5.81 2.71	1.22 .05 1.80			.44 .15 .42 .50			.18 .17	T • 05	•10 1	.45 .32 .10 .70		T	*12 *61 *80 T		.23 .35 .46 .05	.02 .0I .41 .15	.10	.02					•03	.64 .55	.32 .33 .98 .12 .33	
MAHAFFEY MAPLE GLEN MAPLETON OEPOT MARCUS HOOK MARION CENTER 2 SE	3.50 4.27 4.34 4.15 5.84	.81		Т	.45 1.61 T .44 T		.01			.38	•5I •42 •38	·01	•02	.08 .09 T	.06 T	.83 .06 .75 .58	.08 .99 .02 .14 .26	T •07	T •05	•03				I +62	.27 1.04 1.30 .78 1.96	.69 .02 .47 T	
MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT MEAOVILLE 1 S	2.09 6.10 2.95 3.50 4.21	•68 1•83		T	•72		T 1	T •12 T			.48 .84 .52		•15 T •02	т	Ť	.06 1.37 .62	.28 .13	.08 .96		•07			т	.48	•35 •20 T •32	.21 .45 .12 1.09	
MEOIX RUN MERCER 2 NNE MERCERSBURG MEYERSOALE 1 W MILANVILLE	2.82 2.83 1.89 1.28 5.65	•08			•16		•60	•OI 1	Т	Ŧ	•51 •60 •39 •55 •62		•11	.04	.05	.27 .55 .45 T	.28 .28 .11 .36	•25	•22	.01					•03 T	.78 .60 .60 .10	
MILLHEIM MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND DAM MONTROSE	3.50 3.83 3.47 5.70 5.48	.38 .25 .06 .12		1	.13 .50 T		Т	T .		•02	.32 .34 .68 .51		.30	.73 .30 .28	.06 .21	.46 .27 .29 .16	.09 .35 .02 1.55 .84		T 2.34 1.05	•05				T •03 •49	.24 .09	.45 .55 1.17 .34	
MORGANTOWN MY GRETNA 2 SE MYERSTOWN NATRONA LOCK 4 NESHAMINY FALLS	1.79 2.70 1.89 3.51 6.07	T			. 42 . 26 . 29		•01 •53 T			•53 •59 •11 T	•38	•04	•54	т	•29 •06 •08	.01 .22 .63 1.40	.05 .02 .56	• 26 • 15 T	e 06				.03 .03	.63	.02 .13 1.22 .32 1.66	T .04 .27 .25	
NEW CASTLE 1 N NEWELL NEW PARK NEWPORT NEW STANTON	3.95 2.90 2.88 2.30 3.33	.50 .80			.10		•25 T	•03		·40 ·70	.46		•02	•15	•28 •05	.31 .20 .08 .11	.39 .25 T	.01 .08	.08 .25				т	1.02	.09 .15 1.66	.75 .50 .68	
NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE ORWELL 2 NW PALM	2.67 1.02 2.22 3.72 2.92				.16 .34 .01 .77		T	1		•05 T	•13 •37 •49	т	•12 T		T •28	.08 .41	.30 .08 .10 1.93	.20 .08 .01 1.02 .26	•04		Т			-01	• 06 • 70	1.39 .03 .50 T	
PALMERTON PARKER PAUPACK 2 WNW PHIL OREXEL INST OF TEC PHILADELPHIA WB AP R	4.09 3.38 3.80 3.44 3.13	1.06 .03		•25	.09 .06			·03	.28	.70 .29 .40	• 51	Т	.24	т	. 05 . 06	.32 .71 1.02 .28 .32	.03 .17 .70 .50	•01 •28 •01	•08 •12			•52 •88	•02	*05 T		.94 .55 1.08 T	
PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH W8 AP 2 //R PITTSBURGH W8 CITY R	2.34 .78 5.57 3.45 2.47			•10 T	.04 .17 .16	* 24 T			.01	.68 .34 .39	• 48	T T	Т	.34 .07 .01	•34 •02 •52 •28	.09 .62 .72 .65	.01 1.70 .01	.04 .29 .69	T ∙05				+65 T T	•58 •07 •01 •03	•10 T •05 •14 •13	.01 .96	
PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUTNETVILLE 2 SE OAM OUAKEPTOWN 1 E	3.68 4.60 2.54 4.30 3.65	• 02	т		.65 .59 .07 .81 .12			•17 •67			•22 •65 •49 •57 •45	.05	.01 .25 .08	•06	.76 .15	1.53 .02 T .37 .27	.10 .45 .29 .12 .73	•04 •04 •25	.17 .24 .04 1.27	Т				.05 .05 .34	.01 .80 .01	.64 2.35 .77	
RAYMONO READING WB CITY R RENOVO REW RICES LANDING L 6	3.89 3.55 2.95 6.83 2.84	T •73 1•82			.37 .58 .15		•36 T •03	• 03		.27	.25 .26 .68 .27			.15 .15 1.45	.12	1.04 .01 .06 1.14	.06 .22 .04 .15	.01 .77	.69 T	•18 •09		.01	т	*10 1*52 T		.19 T .30 .97	
RIDGWAY RUSHVILLE RUSSELL SAGAMORE 1 S SALINA 3 W	3.33 3.71 3.76 3.48 3.59	T .75			•47 •29		•03 •11	T •46			.40 .23 .59 .54	• 02	*10 *12	•37 •13		.21 1.55 1.63 .50 1.00	.09 .62 .10 .34	Ŧ	.56 .08 .35 .37	•02			•02	T •13	•71 •41 •52 •20	.10 .02 .71 .38	
SAXTON SCHENLEY LOCK 5 SCRANTON WB AIRPORT SHAMOKIN	3.81 4.12 3.49 4.03 3.69	T •53		•07	T T •62 •38 •06		т	T •01		.07	•57 •44 •05		*68	•12	.72	.18 .12 1.00	.48 .55 .32 .01	.02 .04 .60	. 50 T . 08	•09 •01			•11	т	• 26 • 76 • 75 • 35		
SHIPPENSBURG SINNEMAHONING SLIPPERY ROCK SOMERSET FAIRVIEW ST SOUTH MOUNTAIN	3.48 1.95 2.01 3.27 4.79	•17 •88			•13 •11		T T •04	Т	·05	•35 T	•32 •44 •65 •81		T •14	•07	•30	.26 .14 .24 .05	.07 .23	.02	T •09	1.15				•17 T •03 •24	• 07 • 05 T		
SPRING GROVE STATE COLLEGE STOYSTOWN STRAUSSTOWN STROUOSBURG	1.19 4.07 1.92 2.77 4.03	.22 .88 .14 .40		.45	•03 •20 •28		т	•03 •07	T T	T •84	.40 .35 .39 .50	т	T •20	.08	.09	.21 .32 .49 T	.50 .01 .28	*15 *31	.36 .03					•01 •31	.30	.12 1.55 .13 .94	
STUMP CREEK SUNBURY SUSOUEHANNA TAMAQUA TAMAQUA 4 N OAM	3.74 3.38 4.69 2.89 3.00	.20 .27		1	•14 •41 •19 •15 •11			•02	• 30		.32 .20 .10 .42 .31		.01	•50 •27			.71 1.18	.07 .33 .07	.03 .21 .29 .17		•04			•09		.46 1.10 .82	
TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TOBYHANNA TORPEOO 4 W TOWANOA 1 ESE	4.50 3.06 3.49 3.13 2.74	•28 •05 •02 •05		*04 T	.02 .04 .15 .05	•17		•06 •17	•30	•02	.42 .10 .09 .69	.08	•01 •26	.80 .51 .01	.28	1.24 .60 1.41	•19 •34 •06 •65		.27					•50 •33 T	·03	.40 .40 .02	
TOWER CITY 2 E TROY TURTLEPOINT 4 NE TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT	3.34 2.00 5.26 3.73 4.28	.04 1.30 .09 .82			.28 .18 .68			•13 •05 T	Т	1	.65 .18 .36 .02 .52		T •01	.06 .07		.05 1.00 .93 .55 2.03	T •23 •02	.01	.47 .02 .15 T					1.00 .02 .10	1.16 .70 .55	•14 •44 •55 •49	•01
UNIONTOWN VANOERGRIFT VIRGINVILLE WARREN WATSONTOWN	4.06 4.13 1.39 4.56 2.70	•01 •67 •31		т	•24			•03 T		.26 T	.46 .52 .48	.02	T •77	.20	.96 .03	.15 .19 .05 1.68 .52	.09 .39	÷05	.35 T .07 .40				T .05	•02 •27 •10	•96	.35 .51	
WAYNESBURG 1 E WELLSBORO 3 S WEST CHESTER WEST GROVE 1 SE WEST HICKORY	3.73 3.10 2.42 1.45 2.47	.03 .34			.04 .14 T .06	т	T +01	•73 •09	•02	.08 T .04 .45	•21 •13 •33 •50 •60		.07 T .01	.09	1.55	.26 .85 .02 .18 .26	•25 •33 •59 •08 •12	1 •04	•04 •04 •04 •36	.23			T	.30	.74 .11 .35	.18 .01	
WHITESBURG WILKES BARRE WILLIAMSBURG	4.24 5.32 2.59				*11 *24				•51		.47 .70 .57		.76	.05 .03	+02	.64 .40 .41	.43 .79 .09	T •48	+85 +22						•02	1 . 41	
							See refe	mence no	= 99		stion ]	index.															

# DAILY PRECIPITATION

PENNSYLVANIA JULY 1963

Continued		

Continued																																
	tal													Day	of N	lonth																
Station	Tota	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WILLIAMSPORT WB AP WOLFSBURG YORK 3 SSW PUMP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	3.12 1.97 1.76 .72 4.10		.60	•19 •33 •14 •03				T	.16 .02 .11 .15	•05		.03	*15 T	•02	.47	•42		.30 T	•56	•18 •25	•56 •13 •06	.13 .01	.04	.01 .07 .03 T		•01		.34	.26 .01 .32	.56 .14 .01 T	.05 .12 .12 .71	

PENNSYLVANIA

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Station		July	August	September	October	November	December	January	February	March	April	Мау	June	Total	
ACMETONIA LOCK 3	SNOWFALL 1 IN ON GO				1.0	ī	10-2	6.3	12.0	4.6		1 . 8		35.9	
ALLENTOWN WB AP	SNOWFALL 1 IN ON GD				• 2	3.5	13.9	12.2	12.6	4.5	• 2	Т		47-1	
ALLENTOWN GAS CO	SNOWFALL 1 IN ON GO					1.3	11.8	7•3 23	9.3 22	3 • 5 5		Т		33.2	
ALTOONA HORSESHOF CUR	SNOWFALL 1 IN ON GO				2 • 0	1.0	20.5	9.0 18	21.0	14.5	т	1.0		69.0	
ARENOTSVILLE	SNOWFALL 1 IN ON GO				т	. 5	11.2	6.5 18	13.4 28	4.0 5				35.6	
AUSTINBURG 2 W	SNOWFALL 1 IN ON GO				2 • 0	2.0	13.5	9.0 30	8.0 28	7•0 15	т	т		41.5	
BAKERSTOWN 3 WNW	SNOWFALL 1 IN ON GO				1.9	т	13.2	18.3 15	16.7 25	2 • 4	•1	1.9		54.5	
BARNES	SNOWFALL 1 IN ON GO				6.0	т	23.0	12.0 31	21.5	10.0 25	•5 1	1.0		74.0	
BEAR CREEK OAM	SNOWFALL 1 IN ON GO				4.0	9.0	27.0	13.0	20.0	11.0 26	-	-		-	
REAR GAP	SNOWFALL 1 IN ON GO				т	10.0	19.5	13.0 28	15 • 0 2 7	5 • 0 12				62.5	
BEAVER FALLS	SNOWFALL 1 IN ON GO				т	T	9.5	11.2 15	11.7	5.0	т	•6		38.0	
BEAVERTOWN	SNOWFALL 1 IN ON GO					3.5	12.0	7 • 0 25	13.0 25	9				35.5	
BECHTELSVILLE	SNOWFALL 1 IN ON GO						13.2	7.0 15	11.1	1.5		т		32.8	
BELLEFONTE 4 S	SNOWFALL 1 IN ON GO				•5	1.5	10.0	10.0 8	14.0	3 • 5 7	Ŧ	т		39.5	
BERNE	SNOWFALL 1 IN ON GO				Ŧ	т	11.0	10.0	9.5	-					
BERWICK	SNOWFALL 1 IN ON GO				• 5	2.0	16.4	11.0	10.0 28	5 • 3 9		т		45.2	
BETHLEHEM	SNOWFALL 1 IN ON GO					-	-	-	-	-	-			-	
BETHLEHEM LEHIGH UNIV	SNOWFALL 1 IN ON GO				Т	т	-	-	-	-				-	
BLAIRSVILLE 6 ENE	SNOWFALL 1 IN ON GO				7.1	4.3	40.5	17.3 31	40.5 28	17.9 21	•8	2.0		130.4	
BLOSERVILLE 1 N	SNOWFALL 1 IN ON GO				т	1.5	13.0	8 • 0	15 • 6 10	8 • 5 4		т		46.6	
BOSWELL 1 SW	SNOWFALL 1 IN ON GO				3.3	т	39.4	9•6 18	33.5 21	14.4	т	1 • 3		101.5	
BRAOOOCK LOCK 2	SNOWFALL 1 IN ON GO				т		9•5	11.0	18.0 17	T 1		7		38.5	
BRAOFORO FAA AIRPORT	SNOWFALL 1 IN ON GO				8.6	3.8	30.3	15.2 31	26.7 28	13 • 3 28	3 • 5	• 9 1		102.3	
BRAOFORO CNTRL FIRE S	SNOWFALL 1 IN ON GO				3.5	2 • 0	32.5	19.0	18.2	8.8	4.0	2.8		90.8	
BRAOFORO 4 W RES	SNOWFALL 1 IN ON GO				10.5	1.7	39.8	17.0 31	23.5 28	16.5 26	2.0	1.5		112.5	
BREEZEWOOO	SNOWFALL 1 IN ON GO						-	-	-	-		i		-	
BROOKVILLE FAA AIRPORT	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-	-	
BRUCETON 1 S	SNOWFALL 1 IN ON GO						-	-	12.1	•8	30	• 5		-	
BUFFALO MILLS	SNOWFALL 1 IN ON GO				2.0	2.0	14.0	6.0	-	8.0				-	
BURGETTSTOWN 2 W	SNOWFALL 1 IN ON GO				2.5		-	11.6 14	12.6	3.0	т	1.0		-	
BURNT CABINS 2 NE	SNOWFALL 1 IN ON GO					1.0	21.5	7.0	11.4	9.1				50.0	
BUTLER	SNOWFALL 1 IN ON GO						-	-	-	1.0		1.0		-	
CAMP KLINE	SNOWFALL 1 IN ON GO				1.0	2.0	2 • 1	12•1 31	18.0	9 • 0 20	-			-	
CANTON 1 NW	SNOWFALL 1 IN ON GO				5 • 2	4.5	16.8	10.1 31	8 • 2 28	14.9 19	ī	т		59+7	
CARLISLE	SNOWFALL 1 IN ON GO				т	1.0	13.5	6 • 5 13	14.0	6.5				41.5	
CARROLLTOWN 2 SSE	SNOWFALL 1 IN ON GO				3.0		38.4	12.0 27	32.0 28	20.0	•5	1.0		-	
CARTER CAMP 2 W	SNOWFALL 1 IN ON GO				2.0	2.0	23.0	13.0 31	15.0 28	17.0	т	1.0		73.0	
CEDAR RUN	SNOWFALL 1 IN ON GO				т	т	24.0	9.0 31	9.0 28	6 • 0 19	Т	т		48.0	
CHAOOS FORO	SNOWFALL 1 IN ON GO					-	-	-	-	-	-			-	
					See refer	ence notes	following S	tation Index					I I		

See reference notes following Station Index.

CONTINUEO

PENNSYLVANIA

CONTINUED									,						
Station		July	August	September	October	November	December	January	February	March	April	May	June	Total	
CHAMBERSBURG 1 ESF	SNOWFALL				T	1.6	14.5	6.5 18	15.9	6.0		Ť		44.5	
CHARLEROI LOCK 4	1 IN ON GO				-4	•6	13.9	9 • 2 8	8.7	1 • 8 2		1.6		36.2	
CLARENCE	1 IN ON GD				2.0	1.0	27.3	8.5	13.8	9.3 11	Т	2.0		63.9	
CLARION 3 SW	1 IN ON GO SNOWFALL				т		17.6	12.9	22.0	9 • 1 18	т	3.5		65+1	
CLAUSSVILLE	1 IN ON GO SNOWFALL					т	-	-	-	-				-	
CLAYSVILLE 3 W	1 IN ON GD SNOWFALL				т	т	18.8	13.5	16.3	1.0				49.6	
CLEARFIFLD	1 IN ON GD SNOWFALL				2.0	т	-	_ 23	26	14	т	т		-	
CLERMONT 4 NW	1 IN ON GD SNOWFALL				8.5	3.0	38.0	15.7	17.5	18.0 27	2.0	3.0		105.7	
COATESVILLE 1 SW	1 IN ON GD SNOWFALL				т	•5	8.7	6.7	6.2	T 3				22.1	
CONFLUENCE 1 SW OAM	1 IN ON GD SNOWFALL				4.0	1.0	27.6	13.0	28.7	8.5	т	3.0		85.8	
CONFLUENCE 1 NW	1 IN ON GD SNOWFALL				4.0		26.5	9.0	17.5	4.7	т	1.5		63.2	
CONNEAUTVILLE	1 IN ON GD SNOWFALL				10.0	1.0	44.1	15.2	15.0	14.0		2.7		102.0	
CONNEAUTVILLE 6 E	1 IN ON GO SNOWFALL				-	_	_	- 31	-		-	-	-	-	
CONNELLSVILLE	1 IN ON GO SNOWFALL						15.9	9.2	15.5	1.2		.6		42.4	
CONSHOHOCKEN	1 IN ON GD SNOWFALL						6.0	4.5	1.5	2 				12.0	
COOKSBURG	1 IN ON GD SNOWFALL				3.0	1.0	16.0	14.0	25.0	18.5	т	4.0		81.5	
CORAOPOLIS NEVILLE IS	1 IN ON GD						_	12.0	26	2 • 5		1.0		-	
CORRY	1 IN ON GO				19.0	T	55.0	23.4	25.0	23.1	-	1.0		-	
	1 IN ON GO				8.0	5.5	34.0	14.5	20.5	17.8	•6	1.3		102.2	
COUDERSPORT 3 NW	1 IN ON GD	)				4.9	_	31	28	27	-	-	-	-	
COUDERSPORT 6 E COVINGTON 2 WSW	1 IN ON GC				4.0	6.0	14.0	8.0	8.0	12.5	.5	1.0		54.0	
	1 IN ON GO				2.0	Т Т	16.5	11.0	16.0	4.0	1 T	1.0		50.5	
CREEKS10E	1 IN ON GO				3.0	3.0	_	6.3	17.0	17.0	т	т т		-	
CRESSON 2 SE	SNOWFALL 1 IN ON GO					2.0	12.0	10.0	8.0	7.0				39.0	
DANVILLE	SNOWFALL 1 IN ON GO				1.0	_	12.5	8.0	11.5	•5				-	
OEVAULT 1 W	SNOWFALL 1 IN ON GO						17.2	16.5	15.8	13.5	•5	•3		69•3	
DIXON	SNOWFALL 1 IN ON G				3.5	-	12	28	28	14	_	-		_	
OONEGAL	SNOWFALL 1 IN ON G					, T	19.6	9.3	12.8	1.3	т	2.5		45.5	
DONORA	SNOWFALL 1 IN ON G	D			T	, '		9	14	-				_	
OOYLESTOWN	SNOWFALL 1 IN ON G	D					9.2	5.0	23.1	15.6	.6	2.0	•	86+8	
OU BOIS FAA AIRPORT	SNOWFALL 1 IN ON G	0			2 • 8		26 • 1	31	2.6	20	1.0	2.0		79.0	
OU BOIS 7 E	SNOWFALL 1 IN ON G	D			5.0		24•5	9.0	28	16 • 5		т		B7.2	-
DUSHORE 2 SSW	SNOWFALL 1 IN ON G	0			4.0			19.4	15.0	12 • 2	•6			92.1	
EAGLES MERE	SNOWFALL 1 IN ON G	D			8.0	10.5	17.6	17.5	20.0	18.0	Т	•5		/2	
EAST BRADY	SNOWFALL 1 IN ON G	0			Т	т	-	20	- 1	11		1.0		85.5	
FBFNSBURG	SNOWFALL 1 IN ON G	D			4.0	3.5	32.0	9.0 26	27	13+0	Т	1.0			
EOINBORO	SNOWFALL 1 IN ON G	-	-	-	5 • 9	-	-	-	-	-	-		-	95.0	
EMPORIUM 1 N	SNOWFALL 1 IN ON G	50			3 • 5	1 • 5	25 • 5	13.0	18.0	19.5	2.0	1		85.0	
ENGLISH CENTER	SNOWFALL 1 IN ON G	5D			2 • 0	1.0		26		19		Ť		-	
EPHRATA	SNOWFALL 1 IN ON G	SD				-4	13.0	6.3	9.5	-				-	

See reference notes following Station Index.

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K MOKE	ON ONCOUND	PENNSYLVANIA
1962 - 1963		NEUW 31 FAMILY

CONTINUED															
Station		July	August	September	October	November	December	January	February	March	April	May	June	Total	
FOULNUNK 2	SNOWFALL				-	2.0	-		-	- 9	-	-		-	
FRIE WS AIRPORT	1 IN ON GO SNOWFALL 1 IN ON GO				3.0	•3	30.5	18.7 29	12.3 25	10.9	•1	•1		75.9	
EVERETT 1 SW	SNOWFALL				т	1.0	21.5	6.0	13.5	11.5	-	-		-	
FARRELL SHARON	1 IN ON GO SNOWFALL 1 IN ON GO				т	т	-	-	-	-	т	Т		-	
FORO CITY 4 S OAM	SNOWFALL 1 IN ON GO				1.5	т	13.0	10.0 16	14.5	6.0	Т	1.0		46.0	
FRANKLIN	SNOWFALL 1 IN ON GO				1.9	.6	17.3	7•4 31	14.0	13.0 20	-			-	
FREELANO	SNOWFALL 1 IN ON GO					13.1	17.5	29	21.6	11.4	2.0	-		-	
GALETON	SNOWFALL 1 IN ON GO			1	2.0	2.0	24.5	12.0	16.5 28	10.0	• 5	•5		68.0	
GEIGERTOWN	SNOWFALL 1 IN ON GO				Т	т	2.8	-	6.3	1.0	т			-	
GEORGE SCHOOL	SNOWFALL 1 IN ON GO				1.7	•2	7.3	4.5	3 • 8 15	•5		T		18.0	
GETTYS8URG	SNOWFALL 1 IN ON GO					1.5	14.6	7.0 19	12.0	3 • 5				38.6	i
GLEN HAZEL 2 NE DAM	SNOWFALL 1 IN ON GO				10.5	1.5	31.5	19.5	26.0 28	21.3	1.5	2 • 0		113.8	
GLENMOORE	SNOWFALL 1 IN ON GO					1.0	10.3	6.0 23	6.0	1.0		+1		24.4	
GLENWILLARO OASH OAM	SNOWFALL 1 IN ON GO				т	7	7.5	10.5	14.0 28	2.5		.4		34.9	
GOULOS80RO	SNOWFALL 1 IN ON GO				6.0	11.0	31.0	15.0 31	23.0 28	12.0 26	2.0	Т		100.0	
GRATERFORO	SNOWFALL 1 IN ON GO					-1	2.0	-	-	-	-			-	
GRATERFORD 1 E	SNOWFALL 1 IN ON GO					-	-	-	-	-				-	
GREENSBORO LOCK 7	SNOWFALL 1 IN ON GO				т	т	14.8	14.2	19.6	T 2		т		48.6	
GREENVILLE	SNOWFALL 1 IN ON GO				2.2	т	25.6	14.2	16.8	10.7	Т	2 • 5		72.0	
HANOVER	SNOWFALL 1 IN ON GO				т	6.0	15+0	6 • 5 12	11.5 21	1 • 5				40.5	
HARRISBURG W8 AP	SNOWFALL 1 IN ON GO				т	4.5	16.6	9 • 1 17	14.2	6 • 1	Т	Т		50.5	
HARRISBURG NORTH	SNOWFALL 1 IN ON G				т	Т	-	-	-	-	-	T	-	-	
HAWLEY	SNOWFALL 1 IN ON G	0			1.8	7.0	14.5	12 • 5 28	21.1	12.8	•5	Т		70 • 2	
HOLLISTERVILLE	SNOWFALL 1 IN ON G				4.1	7.3	17.8	13.6	20.8	9 • 8 27	•6 2	Т		74•0	
HOLTWOOO	SNOWFALL 1 IN ON G	0			т	4.0	12.5	7.0 17	5.0	Т		Т		28.5	
HONESOALE 4 NW	SNOWFALL 1 IN ON G	0			3.1	8.8	15.2	21.2	16.0	16.5	3 • 5			84.3	
HONEY 8POOK 1 W	SNOWFALL 1 IN ON G	0				3.0	14.5	6+0 18	7.5 11	1.0				32.0	
HOP SOTTOM 2 SE	SNOWFALL 1 IN ON G	.0			т	3.0	20.0	12.3	-	8.0		Т		-	
HUNT I NGOON	SNOWFALL 1 IN ON G	.0				3.0	13.5	8.7	12	9 • 5		. 1		_	
HUNTSOALE	SNOWFALL 1 IN ON G				Т	5.7	17.6	7.0	17.4 26	4.8	Т	Т		52 • 5	
HYNOMAN	SNOWFALL 1 IN ON G	60			1.0		25.0	18	12.0	5.0	Т			•	
INOIANA 3 SE	SNOWFALL 1 IN ON G				2 • 1	Т	23.9	10.6 23	17.2	5.0	Т	1.4		60.2	
JAMESTOWN 2 NW	SNOWFALL 1 IN ON G	60			2.0		23.5	13.0	15.0 28	11.5		2 • 0		67.0	
JERSEY SHORE	SNOWFALL 1 IN ON C				•5	1.8	15.0	11.0	18.2	8 • 5				55.0	
NWOTZNHOL	SNOWFALL 1 IN ON C				2 • 5	т	16.2	8.5		9.4	Т	*8		60.3	
KANE 1 NNE	SNOWFALL 1 IN ON C				8 • 5	2 • 0	33.5	13.0	25 • 0 28	14.0		1		99.5	
KARTHAUS	SNOWFALL 1 IN ON C				-	-	-	-	-	9.0		1.0		-	
KEGG	SNOWFALL 1 IN ON (	GO			Т	т	12.3	1.5	-	-				-	
KITTANNING LOCK 7	SNOWFALL 1 IN ON						8.1	7 • 7 25	18.0					34.8	
		ļ			See re	eference no	tes following	Station In	dex.				1	1	

See reference notes following Station Index.

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CONTINUEO														
Station		July	August	September	October	November	December	January	February	March	April	May	Juns	Total
RESGEVILLE 3 W	SNOWFALL 1 IN ON GO				-	-	-	-	-	-	-	-		-
AKE MINISINK	SNOWFALL 1 IN ON GO				2.0	5.5	20.0	13.0 31	17.0 28	8 • 0 24	т	Т		65+5
AKEVILLE 1 NNE	SNOWFALL 1 IN ON GO				6.0	4.0	12.0	15.0 31	21.5	12+5 25	1+5	Т		72.5
ANCAGTER 2NE PUMP ST	SNOWFALL 1 IN ON GO					1.0	12.6	5.6 20	6.7	•8 1		т		26.7
ANOISVILLE 2 NW	SNOWFALL 1 IN ON GO					1.4	13•2	5 • 3 22	10.1	3 • 1 8				33.1
AWRENCEVILLE 2 S	SNOWFALL 1 IN ON GO				2.0	1.5	9.3	8.9	7.5	5 • 0 15	т	т		34.2
	1 14 04 00							į						
EBANON 4 WNW	SNOWFALL 1 IN ON GO				т	4.0	14.4	11.0	15.8 28	4 • 5 11				49.7
EHIGHTON	SNOWFALL 1 IN ON GO				т	-	-	31	28	- 15	-	-		-
E ROY	SNOWFALL 1 IN ON GO				3.0	5.0	-	11+0	8.0	10.0	т	Т		-
EWIS RUN 3 SE	SNOWFALL 1 IN ON GO	<b>X</b>			7.0	2.7	38.2	20.2	22.3	23.4	3.0	2.0		118.8
EWISTOWN	SNOWFALL 1 IN ON GO	İ			т	т	10.8	8.0 14	12.0	8.0				38.8
OCK HAVEN	SNOWFALL 1 IN ON GO				т	2.0	15.0	12.0	16.3	8.5 11		т		53.8
ONG PONO 2 W	SNOWFALL 1 IN ON GO				3.0	9.8	27.8	14.5	27.5 28	14.5 29	•5	т		97.6
YNCH	SNOWFALL 1 IN ON GO				9.5	т	29.0	15.1	19.0	12	•5 1	1 • 0		74+1
AOERA	SNOWFALL 1 IN ON GO				1.7	2.4	13.1	7 • 2 31	23.3	8.8 19		1.1		57.6
AHAFFEY	SNOWFALL 1 IN ON GO				6.0	• 3	29.4	10.7	23.3	11.7	т	т		81 • 4
APLE GLEN	SNOWFALL 1 IN ON GO				1.2	2.5	10.5	7.6 19	6.0	1.8		•1		29.7
APLETON DEPOT	SNOWFALL 1 IN ON GO				т	7	13.5	7.5 18	9.0	9•2		т		39.2
ARCUS HOOK	SNOWFALL 1 IN ON GO				T	т	10.2	4.7	4.5	1.0		т		20.4
ARION CENTER 2 SE	SNOWFALL 1 IN ON GO				6.0	2.7	41.5	14.8	28.6	22.3	т	2.3		118.2
ARTINSBURG FAA AP	SNOWFALL				•6	3.1	-	5.2	9.0	9.8 12	Т	т		-
ATAMORAS	1 IN ON GO SNOWFALL 1 IN ON GO					2.0	13.3	11.0	12.0	8.0				46+3
C CONNELLSBURG	SNOWFALL				т	т	16.4	6.1	10.1	6+5		т		39+1
C KEESPORT	1 IN ON GO				т		6.0	10.0	11.0	-				27+0
EAOVILLE 1 S	1 IN ON GO				6.8	• 4	46.5	18.9	18.9	17.8	•2	4.1		113.6
EOIX RUN	1 IN ON GO				4.4	1.5	20•7	9.7	18.9	8.7	• 3	2 • 0		66+2
ERCER 2 NNE	1 IN ON GO SNOWFALL 1 IN ON GO				-		13.0	11.0	14.0	7.0		2.0		-
ERCERSBURG	SNOWFALL				т	т	18.3	7.0	7.4	8.8		Т		41.5
EYERSOALE	1 IN ON GO				3.0		27.0	-	-	-	-	-	-	-
EYERSOALE 1 W	1 IN ON GO							16.0	21.0	17.0		т		54+0
ILANVILLE	1 IN ON GO				т	2.4	14.8	13.8	19.6	13.5	•8 1			64.9
ILLHEIM	1 IN ON GO SNOWFALL 1 IN ON GO				1.0	4.0	27.0	16.5	13.0	10.5	Т	т		72.0
ILLVILLE 2 SW	SNOWFALL				т	5.0	23.7	10.5	12.5	6.5	т			58.2
ILROY	1 IN ON GO				1.5	т	17•7	9.8	14.0	12.0	т	т		55.0
MONTGOMERY LOCK AND O	1 IN ON GO				т	т	6.0	10.0	16.0	4.5		*6		37.1
MONTROSE	1 IN ON GO SNOWFALL 1 IN ON GO				4.1	12.2	24.0	21.2	22.5	19.2	**4 1	.8		107.4
MORGANTOWN	SNOWFALL				т	4.0	9.5	6.3	7.5	2.0	т	т		29.3
MT GRETNA 2 SE	1 IN ON GO SNOWFALL 1 IN ON GO						-	-	-	-				-

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PENNSYLVANIA

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total
MYERSTOWN	SNOWFALL 1 IN ON GD					1.0	11.0	9.5	7.8	-				-
IATRONA LOCK 4	SNDWFALL 1 IN DN GD				1.4		14.8	13.7 10	15.7 21	4.4		2.0		52.0
ESHAMINY FALLS	SNOWFALL 1 IN DN GO				.5	т	8.3	6.1 10	3 • 5 5					18.4
EW CASTLE 1 N	SNDWFALL 1 IN DN GD				2.0		12.5	12.0 24	12.6	7.9 5		1.5		48.5
NEWELL	SNOWFALL 1 IN DN GD			,	т		17.0	12.0	10.5	-				-
NEW PAPK	SNDWFALL 1 IN DN GD					1.5	15.5	5.5	8.0	1.5		т		32.0
NEWPOPT	SNOWFALL 1 IN ON GO				т	т	15.2	- 18	13.5	- 9				-
EW STANTON	SNOWFALL 1 IN DN GD					т	-	- 6	- 8	-	т	2.0		-
NEW TRIPOLI	SNOWFALL 1 IN DN GO				т	1.5	13.1	10.5 28	13.5	5.0		т		43.6
NORRISTOWN	SNDWFALL				т		-	5 • 6 4	-	-				-
NORTH EAST 2 SE	1 IN ON GO SNOWFALL 1 IN DN GD				2.0	T	-	-	-	-	• 5	•5		-
DPWELL 2 NW	SNOWFALL				т	-	-	-	-	-	т	•		-
PALM	1 IN ON GD						13.0	13	7.0 25	1.0				-
PALMERTON	1 IN DN GD SNOWFALL				т	.5	17.7	10.0	12.4	6 • 9	т	т		47.5
PARKER	I IN ON GO SNDWFALL				т	т	8.5	11.0	9.5	12.5	т	1.0		42.5
PAUPACK 2 WNW	1 1N ON GO SNOWFALL				3.0	6.5	17.8	11.4 31	28 23.9 28	15 15•0 26	1 • 7	1		79.3
PHIL DREXEL INST OF T	1 IN ON GD SNDWFALL				т	.4	9.9	5.1	2.8	• 3	2		:	18.5
PHILADELPHIA W8 AP	1 IN ON GO SNDWFALL				т	т	9.5	6.1	4.7	• 2		т		20.5
PHILADELPHIA PT 8REEZ	1 IN ON GO SNOWFALL				т	т	5 • 6	5.6	3	-		т		-
PHILIPSBURG FAA AP	1 IN DN GD SNOWFALL				2 • 4	2.0	_	7.7	7.3	14.2	•6	•7		_
PHDENIXVILLE 1 E	1 IN DN GD SNDWFALL						14.0	5.0	28	18	1	1		-
PIKES CREEK	1 IN DN GD SNOWFALL				2.0	8.2	_	10.6	_	_	т			_
PITTS8URGH W8 AP 2	1 1N DN GD SNOWFALL				1.8	т	11.9	12.7	28	4.5	• 3	1.8		53.4
PITTSBURGH W8 CITY	1 IN DN GO				T	т	11.8	6.2	21	2.5	т	1		32.7
	1 IN ON GD					4.8	20.8	16.5	20.9	13.6	3.5			81.1
PLEASANT MOUNT 1 W	SNOWFALL 1 IN ON GO				1.0			9.0	28	29	3			_
PORT CLINTON	SNDWFALL 1 IN ON GD				T	3.0	16.8	7.0	16.0	7.0	т			
POTTSVILLE	1 IN DN GO				Ť	3.0	18.4	1,		2				79.8
OUTNEYVILLE 2 SE DAM	SNOWFALL 1 IN DN GD				4.0	T	26.5	14.0	25.3	8.5	T 2	1.5		
OUAKERTOWN 1 E	SNOWFALL 1 IN ON GD				Т	T	-	9.8	13.4	1.4	1	Ţ		70.0
PAYMOND	SNDWFALL 1 IN DN GO				3.0	3.5	28.0	10.9	19.0	12.5	2.0	1.0		79.9
PEADING W8 CITY	SNDWFALL 1 IN DN GO				Т	1.2	12.6	6.1	8.4	1 • 2		T		29.5
PENOVO	SNDWFALL 1 IN ON GD				•5		-	19	9.0 26	5				-
REW	SNOWFALL 1 IN ON GD				10.0	9.0	42.0	28.0	28.0	20.5	4.0	3.0		144.5
PICES LANDING L 6	SNOWFALL 1 IN DN GO						13.0	11.0	15.0 19	1.0		1.5		41.5
RIDGWAY	SNOWFALL 1 IN ON GD				4.8	1.4	31.6	15.7	20.8	9 • 1 17	1 • 3	1 • 5		86 • 2
RUSHVILLE	SNOWFALL 1 1N ON GO				1.5	9.8	8.5	9.3	8 • 3	8.3	-			-
RUSSELL	SNDWFALL 1 IN ON GO						26.0	16.4	8 • 3 28	4.7 18	1.0	2.0		58 • 4
SAGAMORE 1 S	SNOWFALL 1 IN ON GO				1.5		21.3	10.5	20.5	9.5		1.0		64.3
SALINA 3 W	SNOWFALL 1 IN ON GO				.5	т	10.5	6.5	14.5	1.2		Т		33.2

CONT INUEO

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total
SAXTON	SNOWFALL 1 IN ON GD				Ť	Т	13.0	5.0 17	9.5 18	7.0	T	Т		34.5
SCHENLEY LOCK 5	SNOWFALL 1 IN ON GD				т		9.0	9.0 24	13.0 28	3 • 0 6		1.0		35.0
SCRANTON	SNOWFALL 1 IN ON GD				• 5	•5	13-1	12.5	18.6	6.3				51+5
CRANTON WB AIRPORT	SNOWFALL 1 IN ON GD				4.4	4 - 6	12.9	15•2 24	18.0	8.3 14	• 5	• 2		64+1
SHAMOKIN	SNOWFALL 1 IN ON GO					-	24.5	9 • 5 22	18.5 28	6:0 11	т	•5		-
SHIPPENSBURG	SNOWFALL 1 IN ON GD				т	7.0	19.0	7.5 20	20.0	8 • 0 10	т	т		61.5
SINNEMAHONING	SNOWFALL 1 IN ON GD				2.0	т	15.7	9.0 31	15.4	9.0 15	т	1.5		52.6
IZERVILLE	SNOWFALL 1 IN ON GO				4.0	1.0	21.0	8.0	21.0	8.0	1.0	-	-	-
SLIPPERY ROCK	SNOWFALL				1.0		9.5	11.0	11.5	6.5				39.5
SOMERSET FAIRVIEW ST	1 IN ON GD				5.6	6.0	39.1	15.5	28.0	17.0	• 5	•1		111.8
SOUTH MOUNTAIN	1 IN ON GD SNOWFALL				т	7.4	21.8	10.0	16.0	- 3		т		-
SPRING GROVE	1 IN ON GD SNOWFALL				т	5.5	14.0	7.0 18	9.7	1.5		т		37.7
STATE COLLEGE	1 IN ON GO SNOWFALL				1.0	3.1	15.3	11.9	18.1	11.3	т	•5		61.2
STOYSTOWN	1 IN ON GD SNOWFALL				т	т	_	18	28	12	_	т		-
STRAUSSTOWN	1 IN ON GD SNOWFALL				.3	.4	21.0	9.1	9.0	2.5		т		42.3
STROUDSBURG	1 IN ON GO SNOWFALL				3.5	5.7	21.8	13.3	15.0	8.5	т	т		67.8
STUMP CREEK	1 IN ON GD SNOWFALL				4.5	.5	18.0	10.0	16.0	7.0	т	2.0		58.0
SUNBURY	1 IN ON GD SNOWFALL					5.0	15.5	7.5	10.2	18 6•5		1		44.7
SUSQUEHANNA	1 IN ON GD				1.0	3.8	24.5	21.8	18.4	13	2.0	т		86.5
	1 IN ON GD				т	3.0	16.5	31 10.0	28	6.0	1			49.5
TAMAOUA	1 IN ON GD					2.0	-	24	27	11				_
ramaoua 4 N Dam	SNOWFALL 1 IN ON GD				.5			31	25	17.0		2.0		83.0
TIONESTA 2 SE DAM	SNOWFALL 1 IN ON GD				6.0	Т	22.0	31	28	20	1 7	1		
TITUSVILLE WATER WORK	SNOWFALL 1 IN ON GD				10.0	2.3	32.0	20.0	26.5	11.5	, T	Ť		102.3
ANNAHYBCT	SNOWFALL 1 IN ON GD				2.4	11.3	26.1	31	24.6	13.9	1 • 2	Ť		93.9
TORPEDO 4 W	SNOWFALL 1 IN ON GD				16.0	1.4	31.4	15.5	18.2	19.4 25	1.8	.8 1		104.5
TOWANDA 1 ESE	SNOWFALL 1 IN ON GO				1.0	6.5	16.3	15.7 26	14.9	17.0 16	.5 1	т		71.9
TOWER CITY 2 E	SNOWFALL 1 IN ON GO				-5	4.0	15-7	7.0 28	13.3 28	4.7				45.2
TROY	SNOWFALL 1 IN ON GD				3.0	6.0	16.0	31	8 • 1 2 8	13.0 18	•7			-
TURTLEPOINT 4 NE	SNOWFALL 1 IN ON GO				8.0	3.0	22.0	11.0	14.0 28	10.0	- 2	3.0		-
TYRONE 4 NE BALD EAGLE	SNOWFALL 1 IN ON GO				1.0	1.0	13.5	7.5 18	21.0	13.0 11	Т	• 5 1		57.5
UNION CITY FILT PLANT	SNOWFALL 1 IN ON GD				9.1	т	38.2	16.6	15.3	12 • 1	• 5 2	•5 1		92+3
UNIONTOWN	SNOWFALL 1 IN ON GD				• 2	т	17-1	11.2	14.0	1.8	т	1.7		46+0
VANOERGR IFT	SNOWFALL 1 IN ON GO				• 5		10.0	12.0	11.0	1.0	Т	•5 1		35.0
VIRGINVILLE	SNOWFALL 1 IN ON GD					т	10.0	6.0 22	9.0	- 5				-
WARREN	SNOWFALL 1 IN ON GO				8.7	. 4	25.8	14.6	16.2	12.8	• 7	1.6		80.8
WATSONTOWN	SNOWFALL				т	3.0	19.5	13.2	16.2	9.1	т	т		61.0
WAYNESBURG 1 E	1 IN ON GO				т		20.9	13.4	17.2	1.1		.8		53.4
WELLSBORO 3 S	1 IN ON GO				4.0	6.0	22.5	14.5	11.5	16.0	•5 1	2.0		77.0
WEST CHESTEP	1 IN ON GD SNOWFALL				.5	1.5	11.0	5.3	6.5	T T	1	T		24.8
	1 IN ON GD							17	10					

CONTINUEO

PENNSYLVANIA

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total
WEST GROVE 1 SE	SNOWFALL 1 IN ON GO				•5		14.0	5.0	-	-				-
WEST HICKORY	SNOWFALL 1 IN ON GO				7.0	1.0	24.5	13.0 31	21.0	12.0	1 . O I	1.0		80.5
WH1TESBURG	SNOWFALL 1 IN ON GO				3.0		25.0	17.0 26	21.0	5 • 5 7	T	1.5		73.0
WILKES BARRE	SNOWFALL 1 IN ON GO				Ť	1.0	10.1	12.8 16	14.5 29	6.4		T		44.8
w [LL] AMSBURG	SNOWFALL 1 IN ON GO				,		14.3	3.0 22	8.0 29	5 • 8 11	Ť	Т		31.1
WILLIAMSPORT W8 AP	SNOWFALL 1 IN ON GD				• 3	3 • 1	17.7	11.9 19	13.6	9 • 2 13	Ť	T		55.8
wolfs8URG	SNOWFALL 1 IN ON GO				т	Т	15.1	4•0 20	11.0	8 • 5				38.6
YORK 3 SSW PUMP STA	SNOWFALL 1 IN ON GO				Т	5.0	15.3	7 • 4 22	11.4	2 • 0		Т		41.1
YORK HAVEN	SNOWFALL 1 IN ON GO					5.0	12+5	6.8 18	11.2	2 • 5				38.0
ZION GROVE	SNOWFALL 1 IN ON GO				Т	6.0	13.0	-	7.5	5.0				-
ZIONSVILLE 3 SE	SNOWFALL 1 IN ON GO				• 5	1.1	10.4	9•0 26	11.2	2.5				34.7

NOTE: COUNT OF DAYS WITH SNOWFALL OF 1 INCH OR MORE ON GROUND WAS BEGUN WITH DATA FOR JANUARY 1963.

### SUPPLEMENTAL DATA

PENNSYLVANIA JULY 1963

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numb	er of da	ys with	precipi	tation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7,00 PM EST	Trace	60'-10'	.10–.49	6605.	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to s
ALLENTOWN WB AIRPORT	WNW	10	7.5	46++	N	20	82	80	44	53	3	5	5	0	1	0	14	-	4.7
ERIE WB AIRPORT	s	14	11.0	30++	SSE	14	74	74	58	60	5	0	3	2	0	0	10	-	4.3
HARRISBURG WB AIRPORT	W	17	8.3	34	W	28	75	75	44	54	5	3	3	0	1	0	12	80	5.3
PHILAGELPHIA WB AIRPORT	WSW	13	7.7	35	SW	29	81	78	48	60	7	1	4	3	0	0	15	66	5.5
PITTSBURGH W8 AIRPORT 2	WSW	12	7.1	24++	NNE	10	79	81	47	56	3	3	3	4	0	0	13	73	6.1
READING W8 CITY	NW#	-	8.3	46	W	28	-	-	-	-	4	3	3	2	1	0	13	68	5.0
SCRANTON WB AIRPORT	ESE	11	6.8	25	NW	5	83	85	50	61	5	4	3	4	0	0	16	74	5.8
WILLIAMSPORT WB AIRPORT	W	13	7.0	35++	W	2	87	85	50	59	2	3	7	2	0	0	14	-	5.8

<sup>\*</sup> TO 8 COMPASS POINTS ONLY

### DAILY TEMPERATURES

									וע	ZIL	1	TE	TATI	- 1			7111						_			_							
															I	Day C	f Mo	nth					_								_	-	erage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	-A
ALLENTOWN W8 AP	MAX	97 68	95 69	82 61	81 57	85 53	83 57	84 55	81 59	76 48			85 55	81 61	71 62	86 64	89 62	91 64	93 69		82 66	83 64		83 64	62	94 6 <b>6</b>	66	95 68	96 72	91 69	64		86.1 62.1
ALLENTOWN GAS CO	MAX	91 69	96 70	95 71	81 59	81 53	85 56	83 53	86 62	81 51	76 53	78 55	76 56	82 62	84 64	84 64	82 64	88 66	92 69	93 70	95 70	82 65	83 <b>67</b>	81 65	63	89 66	94 67	69	97 73	96 70		57	86.6 63.5
ALTOONA HORSESHOE CURVE	MAX MIN	91 64	90 67	72 58	76 43	79 48	82 50	82 58	76 61	71 40	72 46	78 54	83 51	81 52	76 59	81 58	82 57	90 5 <b>9</b>	89 63	89 69	80 64	82 61	83 58	81 56	85 58	89 60	90 <b>6</b> 0	68	89 68	82 63	64	49	82.3 57.6
ARENOTSVILLE	MAX	89 67	93 67	92 66	80 53	80 48	84 57	85 57	88 60	82 48	75 52	78 57	81 54	85 56	84 57	70 56	86 60	90 63	94 65	92 <b>6</b> 8	95 68	86 66	83 61	85 64	84 62	8-8 6-2	93 63	96 70	96 72	98 67	93 67	57	61.0
AUSTINBURG 2 W	MAX MIN	90 58	93 61	92 53	68 40	74 47	88	79 46	81 50	68 33	71 43	71 54	78 45	82 49	81 55	69 59	77 48	83 53	86 60	89 63	86 60	80 58	80 50	85 53	82 59	87 54	89 57	9 <b>0</b> 59	88 64	90 66	82 51	75	81.7 52.6
BAKERSTOWN 3 WNW	MAX	87 62	86 56	78 45	78 48	75 55	85 67	87 54	81 45	68 42	88 46	80 51	85 54	86 57	81 66	81 62	80 <b>58</b>	90 <b>64</b>	92 66	90 66	80 66	82 62	8 <b>4</b> 58	84 59	61	89 63	91	65	67	89 66	80 60	83 49	84 • 1 58 • 2 80 • 0
8EAR CREEK DAM	MAX MIN	87 57	90 59	89 59	72 48	74 46	79 42	75 42	78 57	75 38	70 42	70 46	75 47	79 58	78 60	69 57	78 50	82 <b>54</b>	61	86 57	87 65	75 60	76 55	76 58	77 53	85 57	58	57	64	61	85 64	78 48	54.2
8ELLEFONTE 4 S	MAX	90 64	95 65	91 62	72 46	80 50	82 53	86 53	82 57	87 41	75 47	75 55	79 52	84 52	82 54	69	81 56	83 59	90 62	90 65	91 68	66	89 57	60	56	60	09 61	91 65	92 69 94	91 64 92	65	83 50	57.9
8E RWI CK	MAX	94 68	93 67	76 58	80 54	83 46	82 49	84 52	78 57	78 42	77 51	78 55	86 54	84 58	72 62	85 62	87 58	90 60	90 66	93 63	78 64	62	63	83 63	61	92	94 64	63	69	67	66	54	59.4
BETHLEHEM LEHIGH UNIV	MAX	104 76	82 75	84 60	83 62	89 76	89 65	91 58	86 63	83 55	82 56	84 70	94 59	86 63	82 64	78	96 68	98 68	98 74	98 76	88 70	66	66	98 66	70	99 71	98 70	99 72 85	98 76 82	98 75	72	66	68.0
BLAIRSVILLE 6 ENE	MAX	89 65	86 66	68 55	73 43	76 49	81 55	77 59	71 60	70 44	71 49	76 50	79 54	78 57	70 58	76 58	77 60	86 62	69	67	76 65	59	83 58	79 60	61	61	86 75	67	67	65	64 87	55	59.3
8LOSERVILLE 1 N	MAX	89 70	95 68	91 63	76 52	80 50	83 51	81 52	85 61	79 48	75 51	78 55	81 55	84 56	85 58	67 59	85 62	63	91 63	92 70	92 6-6	85 65	62	83 65	63	89 65	92 65	62	72	67	72	56 78	60.6
BRAOFORO FAA AIRPORT	MAX	88 58	83 62	65 51	70 43	74 42	78 42	78 52	64 53	67 33	66 41	72 49	79 47	79 53	63 60	73 53	76 49	83 54	60	82 58	70 56	79 53	77 51	8 0 5 5	55	57	58	62	84 62 85	60	49 71	42	52.3 78.5
8RAOFORO 4 W RES	MAX	89 57	90 60	73 48	71 38	75 38	78 40	78 44	67 53	67 32	67 41	75 46	79 43	79 48	77 55	74 58	77 47	82 53	84 58	84 55	73 61	79 55	79 49	53	54	54	85 57	85 58	58	<b>6</b> 2	49 77	80	50.6
8URGETTSTOWN 2 W	MAX	88 62	89 64	88 55	73 38	77 40	81 42	85 50	82 55	74 36	70 36	69 43	78 47	84 49	85 56	71 55	80 53	81 58	91 61	89 62	8 <b>4</b> 66	61	53	85 56	55	57	87 57	60	90 64	66 85	60	47	53.7
BURNT CABINS 2 NE	MAX	90 65	91 65	87 62	78 47	80 47		84 50	85 60	80 44	76 46	78 51	82 50	83 52	80 60	82 59	85 58	88 60	90 63	65	90 67	83 59	82 57	60	85 58	60	90 59	91 64	92 68	64	63	50	57.8
8UTLER	MAX	90 63	92 65	90 59		72 42	79 49		85 55	71 39	71 40	69 46	80 53	83 51		85 59	80 55	60	92 64	90	86 69		55	86 59	86 57	60	91 59	91 64	90		59	80	55.9
CARLISLE	MAX		94 68	93 65	82 53	86 49	88 56	87 55	84 60	72 48	78 50	83 55	88 51	85 56	78 59	87 54	90 59	95 61	94 65	95 67	66 66	61	60	63	90 60	9 <b>6</b> 61	98 63	96 65	70	91 72	87 64 86	52	59.0
CHAMBERSBURG 1 ESE	MAX	93 65		76 63	78 53	82 48	85 53	86 57	81 61	73 47	76 49	81 52	84 52	84 53	69 59	83 60	86 62	92 <b>6</b> 2	65	91 66	84 66	61	84 5 <b>8</b>	81 62	61	62	93 62	66	94 6-8	07 66	64	54	59.5
CLARION 3 SW	MAX			88 52	76 39	79 39	84 46	80 51	72 50	71 37	71 40	79 48	85 49	84	77 61	78 57		90 58	63	86 56	81 62	82 58	85 56	8 <b>6</b> 57	87 56	89 59	90 60	90 64	62	87 64 80	57	84 47 85	54.0
CLAYSVILLE 3 W	MAX			80 59		80 42	86 44	89 54	89 60	77 37	73 36	82 45	85 46	85 48	85 62	82 55		92 <b>6</b> 2	61	63	80 63	62	8 <b>5</b> 53	84 58	88 56	91 56	90 58	90 60	90	69	59	49	54.7
CLERMONT 4 NW	MAX					78 35	78 42	78 42	74 40	70 28	72 34	76 44	82 45	80 45	70 52				54	88 54	78 64	80 54	86 54	85 52	86 54	87 52	-	87 60 95	80 58		52	<b>42</b> 86	48.9
COATESVILLE 1 SW	KAM MIM				82 58	80 49	85 59	84 55	88 62	83 52	77 51	8 <b>0</b> 55	85 53	87 56	84 62				68	94 68	9 <b>7</b> 71	66	85 66	79 60	61	90 62	65	66	69	68	69	56	61.8
CONFLUENCE 1 SW OAM	MAX MIM				71	74 45	78 49	82 50	84 51	73 40	69 44	72 46	77 51	83 51	82 50			58	62	87 61	63	78 60	79 58	83 58	79 58	85 58	59	61	65	63	63	53	55.6 82.4
CONNEAUTVILLE	MAN NIM						79 47	84 52	84 57	68 35	68 42	73 47	81 49	89 52				60		61	85 65	77 57	82 59	81 60	87 56	89 58	60	65	65	69	54	47 80	55.5
CORRY	MAI								68 54	69 33	74 46	82 47	85 46							86 59	77 65			60	56	89 58	60	65	64	65	51	47	54 • 5
COUGERSPORT 3 NW	MAI							79 43					79 42		71 50				8 <b>6</b> 57		76 60	55	47	50	52	53	54	69	52	57		40	49 • 2
OEVAULT 1 W	MA:								79 60				86 56					91				62	59	58	60		70	69	67	66	62	86 5-6	61.2
01XON	MA:																					62	62	58	60	61	62	63	63	6	5 65	52	55 • 5
OONEGAL	MA																			63	60	59	50	55	53	54	5 5	61	. 64	6	2 54	47	53.5
OONORA	MA M I																						59	60	60	63	64	67	60	6	6 66	55	59.7
OU BOIS FAA AIRPORT	MA															5 7						59			58	6.2	2 64	67	6	5 6-	4 57	50	57.1
0U 80IS 7 E	MA MI					3 76																	5.2	57	55	56	5 56	6:	6	3 6	4 59		53.9
EAST BRACY	MA MI		6 9																			62	58	6 (	) 60	62	2 64	6 !	5 6	4 6	4 61	60	58.5
E8ENS8URG	MA MI																					58	54	57	7 53	56	5 62	6	2 6.	2 6	2 47	55	54.3
EMPORIUM 1 N	MA MI				7 6 2 4											0 6									3 52	52	2 59	9 61	6	2 6	2 55	47	51.7
ENGLISH CENTER	MA MI				2 7			1 82												7 58	5 5 8	3			82	5	7 50	5 5	7 5	9 6	5 59	47	51.1
EPHRATA	M.A.			5 8	6 8			7 89	9 8								8 9				1 68	3 64	65	5 64	62		5 69	7	0 6	9 6	8 6	59	63.1
ERIE WB AIRPORT	M.A M.1	X 8	7 9	8 5	9 7	4 7 9 5	6 8 2 5	0 7	9 6	6 6 7 4	7 70	0 77 4 54	7 85	9 6	8 7 5 6					6 84 5 64		5 6	81		L 8:	6	6 81 7 61	5 8 8 7					79.7 61.9
		-																															

TO H T	T 37	WITTEN.	ADED	W 70° 1	URES
1 1 A I	1 Y	1 1- 1/	ハレトド	AI	IIKES

DENNSYLVANIA JULY 1963

Continued											-																					, ,	
Station		1	2	3	4	5	6	7	6	9	10	11	12	13	14		01 Mo 16		16	19	20	21	22	23	24	25	26	27	26	29	30	31	Averag
EVERETT 1 SW	MAX	82	92	81	66	73	76	84	78	79	76	82	86	92	70	85	86	95	91	93	88	84	82	86 59	87	88	87	94	94	95 69	87 62		84.6 59.1
FARRELL SHARON	MIN	93	94	78	78	84	92	86	77	52 72	73	80	92	90	57 89	58	59 81 63	63 95 65	63 92 74	90 68	63	88	86 64	92	94	96 66	95 67	93 71	94	84 68	80	96	86.8
FORO CITY 4 S OAM	MIN	90	93	90	73	76	80	59 85	83	74	74	74	81	85	85	70	80	81	89	90 67	82	79 61	83	86 56	84 55	87 56	89	90	90	91 66	80	79	83 · 0 56 · 2
FRANKLIN	MAX	92	93	90	71 55	78 47	47 78 37	55 85 44	56 81 54	70 55	71	71 44	49 80 48	49 85 52	57 84 51	62 78 66	80	79 56	88	90	86 58	78 66	83	85 59	86	87	89	90	92	91 68	82	79	83.0
FREELANO	MAX	90 68	90 72	80	75 49	76 63	76 59	76 59	78 58	79	41	44	80	78 54	78 56	77	82	86	86	86	81	79 65	76 57	75 58	82	88	87	86 72	88	84	79 52	79	81.3
GEORGE SCHOOL	MAX MIN	91	97 69	93	83	82	85 53	83	85 53	73	75 48	79 53	83	85 56	83 59	72	85 61	93	94 65	93	95 69	85 65	82	79 60	80	88	93 65	95	96 69	95 69	89 70	86 55	86.4
GETTYSBURG	MAX	89	95 69	93	83	79 53	84	86 58	88	81	75 52	79 56	81	86 56	85 58	72 59	85 63	88	93 68	92 71	93 70	86 65	83 62	83 66	84 63	87 63	92 64	94 70	95 75	95 67	90 68	87 59	86 • 5 62 • 5
GRATERFORO 1 E	MAX	90	95 69	95 67	81	80 51	83	82 55	85 59	80	74 52	78 52	80 54	85 56	80	70 62	85 60	88 63	92 63	92 68	95 70	84	84 66	81 59	82 60	90 63	95 66	95 67	96 70	97 69	91 70	88 54	86.2 61.1
GREENVILLE	MAX	94	94	80 58	81	85 41	88	87 54	82 55	78 38	78 43	80 50	88 50	87 54	82 62	82 61	82 56	92 62	93 68	93 62	79 67	86	85 57	89 60	91 59	90 61	92 61	92 66	90 66	77 67	80 57	86 47	85 • 9 56 • 9
HANOVER	MAX	89	97	92	81 52	82 54	85 55	88	89 65	84	78 51	81	82 56	88	84	67	86 63	90 66	93 68	93 70	94 70	87 63	85 63	83 65	85 64	88 65	93 67	95 69	95 70	95 68	91 68	88 61	87.4 62.5
HARRISBURG WB AP	MAX	98 73	97 69	80 66	82 57	86 55	85 63	87 59	82	75 53	81 56	83 61	86 58	85 61	71 62	89 63	91 64	95 66	95 71	97 73	90 71	87 67	84 67	85 65	91	95 66	97 72	97 71	98 73	93 68	87 62	87 56	88 • 3 64 • 4
HAWLFY	MAX MIN	86 62	91 63	91 61	72 49	74 46	78 43	75 45	80 47	75 39	71 43	68 46	78 52	80 53	80 56	68	78 53	84 54	87	88 63	90 65	72 61	76 62	76 59	79 58	87 58	89 61	89 62	90 62	91 64	89 63	76 51	81.0 55.5
HOLTWOOO	MAX	95 73	95 71	<b>7</b> 9	80	83 59	83	87 64	80 66	75 57	80 57	82 59	84	83 61	71 63	85 65	89 65	93 69	91 71	93 73	87 74	84 69	79 68	82 64	88 67	94 68	95 70	94 73	95 70	91 71	85 70	87 62	86 • 1 <b>66 •</b> 3
INDIANA 3 SE	MAX	92	89 65	72 57	76 40	79 40	83	81 52	75 60	72	74 42	80 48	85 49	84	72 62	78 58	79 55	89 62	88 63	86 63	77 64	82 61	85 52	8 2 5 7	86 56	88 57	88 58	88 62	88 64	81 63	79 64	83 47	82 • 0 55 • 5
JAMESTOWN 2 NW	MAX MIN	86 56	92 65	90 57	70 40	76 40	81	85 53	84 56	70 35	71 41	73 49	80 51	86 56	86 61	68	81 56	78 62	91	90 62	85 65	78 59	82 57	82 59	85 57	87 60	89 60	90 64	88 61	88 67	75 56	77 47	82.1 55.6
JOHNSTOWN	MAX	92 68	96 64	93 62		95 45	82 50	83 56	80 48	74 44	75 47	79 48	83 50	84 54	86 62	71 63	82 63	85 62	95 65	92 68	91 71	82 60	85 63	87 59	85 59	89 60	93 60	95 68	93 71	91 69	86 66	84 51	86 • 3 59 • 2
KANE 1 NNE	MAX MIN	87 58	92 57	87 49	68	72 34	77 38	80 43	80 51	67 30	71 34	68 45	77 42	80 45	81 54	64 59	75 47	78 53	86 57	85 52	8 <b>5</b> 62	91 54	80 46	80 51	81 52	85 51	87 52	88 57	85 5 <b>7</b>	88 60	7 <b>7</b> 52	75 40	79.9 49.0
KARTHAUS	MAX MIN	92 61	94 62	92 54	74 43	78 38	81 40	84 46	81 50	75 37	74 39	73 43	79 51	82 49	83 51	68 55	79 53	82 55	89 58	89 57	90 61	81 56	84 55	85 55	83 59	87 5 <b>6</b>	90 57	92 59	92 61	88 <b>6</b> 0	85 60	80 48	83 • 4 52 • 5
KEGG	MAX	92 64	91 64	74 55	77 47	80 46	85 50	88 54	81 52	72 42	73 46	8 0 5 3	83 49	82 52	74 58	80 59	85 56	93 60	94 63	90 67	81 63	83 59	88 56	83 57	85 5 <b>6</b>	90 58	90 58	90 66	92 68	84 64	83 58	87 52	84 • 2 56 • 5
LANCASTER 2 NE PUMP STA	MAX MIN	98 68	95 68	90 67	83 57	86 50	88 57	88 57	83 63	8 <b>0</b> 49	78 52	82 58	85 53	83 58	80 60	89 58	92 60	93 63	92 68	94 68	92 71	86 65	83 67	81 62	88 62	92 64	95 66	95 66	95 70	90 69	89 69	89 <b>56</b>	88.2 62.0
LANOISVILLE 2 NW	MAX	90 67	96 66	96 65	80 54	80 46	8 4 5 6	85 56	87 63	81 45	75 51	76 55	91 47	86 56	82 61	70 56	85 58	89 60	94 66	91 67	95 68	88 63	84 66	82 61	80 61	89 62	93 64	95 66	95 69	95 <b>66</b>	92 68	84 53	86.8 60.1
LAWRENCEVILLE 2 S	MAX	94 61	92 61	73 54	76 43	77 41	79 40	84 45	71 51	73 35	73 42	82 54	84 51	83 49	81 63	80 61	85 54	88 56	89 61	89 58	74 64	82 62	85 56	84 59	89 59	90 60	89 60	89 62	92 66	88 65	73 56	81 50	82.9 54.8
LEBANON 4 WNW	MAX	90 67	97 70	96 64	80 54	81 54	85 57	85 57	86 60	80 48	75 54	78 58	83 55	85 60	82 62	70 58	86 62	88 64	92 69	92 69	94 67	87 63	85 65	8 <b>0</b> 62	82 62	89 64	94 68	96 68	95 73	96 67	90 66	85 58	86.6 62.1
LEWISTOWN	MAX	90 68	96 68	94 65	76 53	81 50	8 4 46	87 55	86 56	79 46	76 46	76 52	80 55	85 53	85 56	71 59	83 58	87 61	93 64	92 68	92 66	85 64	85 61	87 57	8 <b>4</b> 63	89 64	93 64	96 63	95 67	93 68	88 6-8	84 56	86 • 2 59 • 4
LOCK HAVEN	MAX		95 62	92 61	76 44	80 41	8 2 4 5	84 49	83 52	78 39	74 43	75 50	80 52	85 52	83 55	71 61	82 51	86 59	90 61	89 59	91 62	84 60	86 55	89 58	84 59	90 59	92 61	94 62	95 63	91 64	87 <b>6</b> 2	83 53	85 • 3 55 • 5
MAOERA	MAX	87 60	90 61	88 55	70 40	75 37	78 38	81 44	79 49	72 37	70 36	70 43	77 47	80 47	8 O 48	66 59	76 52	80 52	86 58	86 59	87 60	78 58	82 55	83 54	80 55	84 56	86 55	88 55	88 60	87 61	83 62	78 45	80.5 51.5
MARCUS HOOK	MAX			86 68	82 60	87 62		86 65	84 70		80 60	85 64	87 62	82 66	70 64	87 69	90 70	94 72	95 74	96 76	86 74	8 <b>6</b> 69	82 69	80 64	91 67	96 71	96 76	98 76	94 75	92 74	90 72	90	88.1 68.6
MARION CENTER 2 SE	MAX MIN	90 62	86 66	70 54	75 40	78 45	82 47	78 57	74 56	69 40	68 42	76 49	80 52	80 55	70 60	77 59	77 57	87 62	88 66	85 64	77 66	82 59	82 55	82 59	85 58	84 59	88 62	87 65	87 62	79 64	78 61	83 52	80 • 1 56 • 6
MARTINSBURG FAA AP	MAX MIN	90 62		71 54	77 48	80 48	83 54	83 60	77 52	71 44	74 49	78 54	82 51	83 53	69 61	82 64	85 57	92 62	90 64	91 65	82 62	80 60	84 59	80 58	85 58	88 60	88 62	90 67	89 66	83 65	81 57	83 53	82.6 57.9
MATAMORAS	MAX	97 67	96 66	93 63		83 45	81 48	82 62	79 62	78 41	76 48	82 54	86 54	87 55	76 59	84 61	86 56	90 61	92 62	93 63	88 66	76 61	78 61	82 59	90 60	93 64	94 64	95 63	95 64	9 <b>4</b> 62	84 61	84 52	86.2 58.6
MEAOVILLE 1 S	MAX			90 56		75 42		84 52	82 53	68 38	69 44	73 48	80 49	86 53	85 57		78 56	77 62	90 67	91 61	84 65	74 59	81 59	8 O 6 2	85 59	87 60	89 61	88 65	89 64	88 68	75 58	76 49	81.3 56.4
MERCER 2 NNE	MAX	91 63		88 56	76 35	79 37	84 46	85 50	77 52	71 33	66 37	77 41	84 48	84 53	81 61	80 60	79 54	90 <b>6</b> 1	90 61	90 61	87 <b>6</b> 5	85 <b>61</b>	85 55	85 57	88 55	88 58	90 58	91 62	90 63	86 66	82 56	84 41	84.0 53.9
MERCERSBURG	MAX	90		91 65	78 51	82 51	85 54	89 55	89 61	84 47	78 50		84 52	86 51	86 60	74 59	87 59	89 <b>6</b> 2	95 64	95 68	93 69	86 61	84 59	87 61	85 59	89 60	93 60	96 69	95 73	95 66	92 59	87 55	87.7 59.5
MILANVILLE	MAX					74 44	80 39	78 45	80 54	77 38	72 42		78 52	84 52	83 54		80 50	85 50	89 60	92 60	92 60	78 59	79 59	78 58	83 57	89 60	90 <b>6</b> 0	91 <b>6</b> 1	_		90 62	80 50	
MILLVILLE 2 SW	MAX	90 64			73 50	7 <b>6</b> 49	8 0 5 2	81 49	80 52	75 41	72 46		75 51	85 54		70 59	81 57	84 58	88 58	85 64	88 65	81 62	84 60	82 60	83 59	88 59	92 <b>6</b> 2	91 63		91 64	86 64	50	82 • 7 57 • 1
MONTGOMERY LOCK AND DAM	MAX			87 59		83 48	87 52	85 58	79 58	73 43	72 45		85 53	88 55			80 59	91 <b>6</b> 4	91 65	87 66	82 63	84 63		60	87 60		64	91	66	81 68	83 62	85 52	
MONTRO SE	MAX MIN					72 46		73 48	78 53	68 38	68 41		74 52	82 53			75 52		56			58	76 58		80 57		61	88 63		63		74 51	78.9 54.7
MORGANTOWN	MAX	95 68				83 60		85 57	79 61	73 47	78 58	57	84 54		60	60	88 59	90 <b>6</b> 2	70		68		79 65	68	62	64	67	93 65	69	68		84 55	
MT GRETNA 2 SE	MAX					83 62		88 64	82 60				84 52					92 <b>66</b>			86 64	83 <b>6</b> 1			95 68	93 57		94 <b>64</b>	95 <b>67</b>	89 70	84 59	85 52	86 • 2 59 • 9

DAILY	TEMPER	ATURES
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PENNSYLVANIA

Continued									D	IIA	Y	TE	M	PE	RA	T.	JRI	ES															/ANIA 1963
															I	Day C	Of Mor	nth								-							erage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			-									27		29	30	31	- A
NEW CASTLE 1 N	MAX	94 64	92 68	89 53	77 41	80 42	86 56	87 56	83 52	71 38	70 40	80 50	84 52	85 54	84 62	81 59	55	63	66	91 65	84 67	61	85 57	86 59	58	60	91 <b>61</b>	91 65	91 <b>66</b>	67	58	84	84.9 56.8 87.6
NEWELL	MAX	92 64	97 69	91 64	74 46	82 49	8 4 5 0	90 57	87 64	79	74 46	77 50	85 53	91 53	91 64	77 60	85 59		66	94 66	89 69	63	8 <b>8</b> 59	92 61	60	92 62	95 <b>6</b> 2	93 66	94 68	97 68	68	86 56	59.7
NEWPORT	MAX	88 68	97 69	92 65	79 56	85 49	86 51	90 56	8 <b>5</b> 58	83 48	79 50	79 55	78 54	88 55	85 59	69 58	87 59		94 64	95 65	93 67	88 64	62	86 62	64	91 62	96 64	97 65	97 <b>66</b>	93 67	91 <b>66</b>	64	87.7
NEW STANTON	MAX	94 63	92 61	90 60	79 42	82 44	87 47	85 55	77 56	72 45	76 45	81 43	85 50	85 51	73 62	83 62	87 57			90 64	80 60	81	86 58	83 59	88   52	89 58	88 56	92 59	<b>93</b> <b>6</b> 5	86 <b>66</b>	62	60	85 · 0 56 · 0
NORRISTOWN	MAX	98 72	95 73	85 66	82 58	86 52	85 60	88 69	8 2 6 2	77 54	80 55	84 58	87 59	81 60	72 62	89 64	93 65		96 73	9 <b>8</b> <b>7</b> 2	87 70	66	82 67	<b>84</b> 62	92 63	96 68	99 69	98 69	99 <b>73</b>	93 72	90 68	91 60	88.7 64.8
PALMERTON	MAX	93 65	92 67	75 59	79 53	82 46	50	83 51	79 56	74	75 50	76 51	83 45	80 61	68 60	63	86 59		91 69	92 <b>6</b> 6	78 66	79 63	79 <b>66</b>	8 0 6 5	88 61	92 64	93 65	92 64	70	91 69	82 63	54	83.6 59.7
PHIL OREXEL INST OF TEC	MAX	100 72	93 76	87 70	82 61	87 61	87 64	86 63	84 65	77 57	81 59	85 61	86 62	82 64	70 62	88 65	92 68	95 70	92 74	97 75	86 72	67	82 <b>67</b>	80 63	88 65	92 67	97 71	9 <b>7</b> 73	9 <del>5</del> 73	89 73	90 72	87 66	87.7 67.0
PHILADELPHIA W8 AP	MAX	97 69	94 71	86 58	83 55	88 55	86 57	89 60	84 67	77 53	82 53	85 55	88 58	84 62	71 64	88 68	91 61	94 65	94 74	96 73	<b>86</b> 73	83 69	83 64	81 61	87 62	92 68	96 69	70	93 73	90 72	88 72	63	87.6 64.3
PHILIPSBURG FAA AP	MAX	90 59	86 59	68 52	73 42	76 43	79 49	76 49	71 45	68 35	69 42	73 48	77 46	75 45	64 58	74 54	75 50	84 54	83 62	83 65	75 60	78 5 <b>7</b>	80 52	74 57	82 50	85 53	88 5 <b>6</b>	88 61	85 65	85 62	75 50	76	77.9 52.3
PHOENIXVILLE 1 E	MAX	96 67	96 67	94 68	84 55	86 48	84 52	86 54	82 60	81 48	79 50	82 52	86 53	81 56	75 60	87 61	89 59	93 62	94 : 67	67	95 70	87 65	80 66	87 57	90 59	93 62	95 <b>6</b> 3	95 65	95 69	92 <b>6</b> 9	89 <b>68</b>	9 <b>9</b> 53	88.8
PITTS8URGH W8 AP 2	MAX	91 65	90 68	74 52	78 47	82 49	86 54	8 2 6 0	75 50	72 42	71 45	79 51	84 53	87 57	70 62	82 60	79 60	92 64	91 69	86 66	77 64	85 63	<b>84</b> 59	83 61	86 60	88 63	89 63	90 67	90 68	78 67	80 60	83 53	82.7 58.8
PITTSBURGH W8 CITY	MAX	92 73	92 68	74 59	79 52	83 55	86 57	85 65	76 58	73 51	71 51	81 57	85 59	85 62	<b>7</b> 3	83 64	80 66	95 <b>6</b> 9	92 72	89 71	81 65	84 64	87 63	85 <b>6</b> 5	87 63	88 68	92 68	93 72	93 71	82 70	83 66	87 58	63.4
PLEASANT MOUNT 1 W	MAX	85 58	87 60	88 55	66 45	69 43	73 40	70 42	76 50	69 36	67 41	63 49	73 46	79 49	78 50	69 57	75 49	79 5 <b>6</b>	82 60	85 58	85 61	71 56	73 56	7 <b>7</b> 59	79 55	83 56	87 57	87 60	78 64	85 64	83 59	47	77.3 52.8
PORT CLINTON	XAM NIM	90 61	96 60	95 63	78 47	81 40	84 45	85 46	85 55	81 41	77 44	76 45	77 47	87 53	83 61	69 55	85 53	88 56	90	92 59	95 <b>64</b>	85 58	85 60	79 57	81 54	89 56	<b>94</b> 58	95 59	94 62	95 61	90 64	85 47	86 • 0 54 • 6
PUTNEYVILLE 2 SE OAM	MAX MIN	89 63	91 64	90 56	72 40	76 40	79 48	84 54	80 54	72 36	72 41	71 44	80 48	85 51	83 56	69 60	79 55	78 58	90 64	89 63	88 49	77 48	82 54	83 51	83 56	86 58	87 60	89 62	89 63	89 63	81 60	80 47	82.0 53.7
QUAKERTOWN 1 E	MAX	92 65	94 66	92 65	79 66	82 46	81 51	85 50	82 60	77 48	75 50	78 48	84 57	83 57	80 61	83 61	87 56	90 <b>6</b> 2	91 65	91 64	90 68	81 62	80 <b>6</b> 5	80 58	86 60	90 62	92 64	91 65	93 68	92 68		84 52	85 · 6 59 · 9
READING W8 CITY	MAX	98 73	96 73	82 66	80 60	85 58	85 63	86 60	81 63	76 55	81 57	80 59	85 60	82 63	70 62	86 65	90 64	93 <b>67</b>	93 74	96 74	88 70	87 67	80 68	82 63	88 66	94 69	95 72	95 71	97 73	91 70		86 62	86.9 65.7
RENOVO	MAX	94	97 61	95 55	77	82 39	84 41	86 45	85 47	79 37	77 38	76 45	82 51	87 51	86 51	71 56	84 53	88 54	93 56	91 59	93 59	84 58	87 56	90 56	87 56	91 50	93 63	94 64	93 65	93 68		84 54	86.7 53.4
RIOGWAY	MAX	89 62	91 61	88 52	70 42	75 38	78 39	82 45	79 48	69 37	70 37	70 40	77 50	83 49	82 52	82 52	78 54	76 55	86 59	87 55	85 57	77 60	82 51	83 53	83 58	86 57	88 58	<b>88</b> 59	87 58	88 62		76 47	81.1 51.7
SALINA 3 W	MAX MIN	95 63	91 65	75 5 <b>7</b>	75 40	79 45	83 49	82 52	82 57	71 38	72 42	80 47	83 49	84 53	80 61	80 60	81 58	90 61	89 63	87 68	82 58	81 61	85 56	93 56	86 56	88 60	88 61	89 63	90 64	80 67		84 47	83 • 4 56 • 1
SCRANTON	MAX	93	96 66	96 67	71 50	72 53	8 2 4 8	80 50	8 4 5 8	76 47	75 48	72 52	81 53	80 52	83 54	75 63		90 59	93 65	97 66	92 67	74 62	81 62	84 62	84 62	90 62	93 64	94 65	95 66	94 68		81 56	85 • 0 59 • 3
SCRANTON WB AIRPORT	MAX MIN		92 67	73 60	76 54	82 54	77 51	80 52	75 52	73 46	. 71 50	78 56	83 56	84 60	73 62	82 64		90 <b>6</b> 2	91 67	91 68	78 64	79 63	77 62	8 0 64	86 62	90 64	89 66	89 65	89 70	89 <b>7</b> 0		82 55	82.5 60.5
SHIPPENSBURG	MAX		92 68	80 65	77 52	81 51	8 5 5 8	85 63	77 5 <b>5</b>	75 48	75 50	8D 54	85 53	85 54	77 60	84 60	88 60	92 63	93 68	92 70	90 70	84 60	85 52	8 0 64	86 62	88 63	93 64	93 68	90 70	88 6-8		85 55	85 • 2 60 • 6
SLIPPERY ROCK	MAX	90 64	88 69	86 56	75 47	79 47	8 2 5 4	81 61	72 50	69 41	66	77 49	80 53	82 57	79 61	78 61	76 59	90 63	88 66	86 62	80 63	82 62	82 58	82 61	85 61	86 62	89 65	89 63	89 67	89 67		82 50	81.8 58.2
STATE COLLEGE	XAM NIM		93 68	91 62	72 52	78 50	80 60	83 57	81 60	75 44	73 50	72 56	80 54	82 56	81 58	67 60		82 62	91 65	89 6-8	91 66	81 61	83 60	81 62	80 60	87 62	92 <b>6</b> 5	93 70	91 70	89 64			82.8
STOYSTOWN	MAX		89 62	87 59		73 44	77 48	82 50	<b>7</b> 4	68 40	71 39	78 47	79 49	76 53	81 52	67 58		84 59	90 61	85 <b>6</b> 2	86 64	77 57	79 54	81 56	79 54	83 56	85 58	85 59					
STR0U0S8URG	MAX			78 57	77	83 44	8 O 4 5	78 43	75 52	76 42	72 36	82 50	83 49	84 55	67 58	83 57		92 <b>5</b> 9	93 64	92 63	78 <b>6</b> 2	78 60	83 60		89 <b>6</b> 2	92 59	93 61	93 60		89 64			
SUN <b>8</b> URY	MAX MIM			96 62	79 52		85 45	86 50	8 5 5 2	81 43	77		81 50	86 51		72 59		8 9 5 8	94 60	95 <b>6</b> 2	94 63	88 62	84 59	86 60	86 60	91 61	94 62	96 63					
TIONESTA 2 SE DAM	MAX	89	91	<b>88</b> 53		75 43	79 45	84 52	80 52	70 40	71 43	69 48	80 52	85 54	81 57	67 62		7 <b>6</b> 5 <b>7</b>	88 64	88 58	86 <b>6</b> 2	75 60	83 58	83 56	84 60	8 <b>6</b> 57		88 62					
TITUSVILLE WATER WORKS	MAX					78 37	85 45	82 48	71 52	70 34		8 0 4 8	85 48	83 51	8 <b>0</b> 6 1	77 61		87 58	87 63	86 57	82 64	82 58	82 54	85 59	87 56	89 57	89 57	90 64					81.5 53.3
TOBYHANNA	MAX	88	88			77 45	76 41	77 41	74 57	69 40	67 41		78 44	78 52		76 55		86 55	8 <b>6</b> 60	85 59	80 62	75 58		76 56	84 52	86 56	88 61	87 55		83 61			79.4 53.4
TOWANDA 1 ESE	MAX	95	93			82 47	78 43	83	76 58	74 38	73 45		83 50	82	78 58	80			89 62	91 59	75 65	80 62		83 59	86 58	89 59	91 60	8 8 6 1					
TOWER CITY 1 S	MAX	87	91	91			81 48	80 51	85 59	77	72 46	76 50	80 48	83 53				86 56	88	90 59	91 65	86 61			80 56	86 58	91 60	92 59					83.4 56.3
NWOTNOINU	MAX	89	87	77		81	83 51		82	74 45		78 51	82 53	84 55					90 69		82 69	82 64			84 59	86 62							82.9 60.5
WARREN	KAM	99	91	71	77	81		83	71	<b>7</b> 2	6.8			85 55	79 62			87 60	89 62	85 59	77 63				88 59	90							
WAYNESBURG 1 E	MAX	89	93	94			8 2 4 5	85		79 39				85 47	86 52				95 61	90 63	84 54	<b>7</b> 9			85 57	86 57				90			84+3 54+1
WELLSBORO 3 S	KAM	( 89	92	89	70	73	78 45	78	79	71 38	70	68	80 50	79					84 60	85 61	87 61				81 58								
WEST CHESTER	MA)	( 9(	99	99	86	86	88	88	90	86	80		88 56	87 58		71 56			95 67	96 <b>6-8</b>	99 66				83 59	89 63							
WEST GROVE 1 SE	MAX		3 94	92	81	<b>7</b> 9		82	85	82	74	78	81	83		70	81	87 60	91 70	91 <b>7</b> 1	93 70	87 64				87 64				95			85.5
	1	1			1						1																						1

TATIV	TEMPER	KTITOTC	
DAILT	I E IVIP E D.	AI URES	

PENNSYLVANIA JULY 1963

Continued																																	0
Station		1	2	3	4	5	6	7	8	9	10	11	12	13			01 M		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avetag
WILLIAMSPORT WB AP	MAX	95 67	93	75 61	79 54	82 47	83 53	83 53	78 55	74 43	77 49	78 54	85 55	82 57	72 6 I	83 63	86 60	91 60	90 67	91 63	85 66	84 65	85 59	83 65	89 63	93 64	95 64	88 65	92 70	<b>86</b> 67	83 62	83 55	84 • 6 59 • 8
YORK 3 SSW PUMP STA	MAX	96 67	96 64	92 65	81 49	84	86 52	88 56	86 63	82 46	79 50	83 55	86 5 I	85 55	83 61	87 62	89 59	94 62	94 66	93 66	92 68	87 61	87 63	83 61	90 62	93 62	95 63	95 63	95 69	91 67	88 67	88 54	88.6 59.9
ZION GROVE	MAX MIN	90 63	92 61	92 61	75 5 I	77 39	81 45	80 45	82 49	77 41	72 43	77 49	78 45	83 51	83 57	70 59	83 53	87 55	92 59	90 60	93 64	80 61	80 61	80 57	82 57	87 57	90 60	91 57	90 60	91 63	89 54	80 47	83.7 54.3

### DAILY SOIL TEMPERATURES

																Day	of mo	nth															rage
STATION AND DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELO RSCH LAB																																	
8 INCHES	MAX	85 81	85 82	83 79	82 77	81 77	82 77	81 79	80 76	80 75	79 76	81 75	82 76	83 79	83 76	77 74	76 73	80 73	82 77	81 77	77 75	79 73	79 75	81 75	83 76	78	86 80	87 82	87 83	85	80 75	81 74	76.9
LANDISVILLE 2 NW																																	
2 INCHES	8 AM	69	70	-	67	65	66	67	68	65	62	65	64	64	66	63	65	66	69	70	70	68	68	66	68	69	70	70	72	70	71	71	67.
STATE COLLEGE 2																	ļ																
2 INCHES	MAX	91 71	89 73		77 61	79 61	83 63	79 65	82 67	82 59	77 61	81 64	88 63	88 63	69 66	77 64		89 66	87 69	91 70	84 71	82 67	92 67	89 66	89 66		97 69	91 72	87 73	87 69	83 70		66.6
4 INCHES	MAX MIN	84 72	83 73	74	73 64	74 64	77 65		75 68	75 63	73 64	75 65	77 65			73 65	76 65	81 67	80 70	82 71	79 72	77 68	82 68	81 69	81 69	83 71		84 73	80 74	80 71	78 71	-	78.2 68.2
8 INCHES	MAX MIN	79 72	78 74		71	72 65	74 66		73 69	72 65	71 66	72 67	74 67			71 66	73 67	76 68	76 71	78 72	76 73	75 70	78 70	76 71		78 71	79 72	79 74					75.0 69.
12 INCHES	MAX	74	74	73 71	70 67	69 67	70 67	70 68	70 69		69 67	69 67	70 68	71 68		69 67		71 68		73 71	73 72	72 70	73 70	73 71					74 73		74 72	=	71. 69.
16 INCHES	MAX	72 69	72 71		70 67	69 67	69 67	69 68	69 68	69 67		68	69 67			68 67	68 67	69		72 70			71 70	72 70	71 71		72 71		73 72	73 72		_	70.0 69.

ERIE CO FIELD RSCH LAB - MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.

SLOPE OF GROUND: FLAT. SOIL TYPE: LAKE TERRACE CLASSIFIED AS CONOTTON GRAVELLY LOAM. GROUND COVER. RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

LANDISVILLE 2 NW - SLOPE OF GROUND: GENTLE SLOPE TO THE WEST. SOIL TYPE: OUFFIELD CLAY LOAM. GROUND COVER: PERMANENT SLUEGRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION: WESTON ELECTRIC SOIL THERMOMETER.

GE 2 - MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.
SLOPE OF GROUND: GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE: HAGERSTOWN SILT LOAM. GROUND COVER: KENTUCKY BLUEGRASS
KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING
POTENTIOMETER.

# MONTHLY AND SEASONAL HEATING DEGREE DAYS Season of, 1962 - 1963

PENNSYLVANIA

					Season of	1962 - 19	63							INSTLVANIA
Station	July	August	September	October	November	December	January	February	March	Āpril	May	June	Total	Normals July-June
ALLENTOWN WB AR ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE APENOTSVILLE AUSTINEURG 2 W	1 1 7 6 49	7 9 15 2 70	174 181 231 168 304	352 349 372 326 484	753 752 785 734 897	1189 1149 1245 1133 1290	1266 1280 1271 1250 1387	1198 1200 1199 1225 1380	783 756 758 735 948	430 408 452 396 576	206 206 266 193 391	16 19 47 18 95	6375 6310 6648 6186 7871	5810 5592 6122 5523
BAKERSTOWN 3 WNW 8FAR CREEK OAM 8FLLEFONTF 4 S BERWICK BETHLEHEM LEHIGH UNIV	10 42 22 3 1	16 68 32 7 7	184 332 250 181 130	346 519 418 354 314	711 905 823 830 780	1187 1335 1244 1283 1194	1324 1463 1329 1321 1268	1210 1427 1294 1264	720 991 808 831 719	424 625 472 497 338	236 378 273 256 130	35 113 42 35 3	6403 8198 7007 6862	5228
BLAIRSVILLE 6 ENE BLOSERVILLE 1 N BRADEORO FAA AIRRORT BRADEORO 4 W RES BROOKVILLE EAA AIRRORT	17 6 70 67 25	23 4 101 92	227 179 357 329	407 313 517 496	792 720 904 923	1261 1111 1370 1367	1335 1240 1497 1462	1254 1202 1421 1381	787 738 961 986	491 400 663 635	257 224 442 400	63 38 136 124	6914 6175 8439 8262	
BURGETTSTOWN 2 W BURNT CABINS 2 NE BUTLER CANTON 1 NW CARLISLE	32 0 28 38 0	43 5 29 70 0	253 162 248 315 155	434 298 377 502 310	784 768 755 913 717	1259 1145 1249 1298 1163	1423 1179 1408 1394 1197	1329 1118 1310 1404 1151	793 706 811 934 702	543 399 505 608 352	322 203 311 395 161	74 29 61 101 7	7289 6012 7092 7972 5915	5811 5198
CHAMBERSBURG 1 E5E CLARION 3 SW CLAYSVILLE 3 W CLERMONT 4 NW COATESVILLE 1 5W	5 42 12 76 2	3 43 13 90 10	167 235 195 370 155	338 398 359 506 324	756 793 751 885 728	1175 1283 1216 1370 1108	1209 1385 1296 1414 1219	1158 1300 1164 1376 1150	721 843 689 947 705	410 533 494 711 400	201 289 261 449 216	27 60 43 161 26	6170 7204 6493 8355 6043	5339 5706 5423
CONFLUENCE 1 SW DAM CONNEAUTVILLE CORPY COUCERSPORT 3 NW DEVAULT 1 W	25 30 35 106	22 53 48 131 13	216 231 256 396 180	395 396 417 545 352	788 775 815 967 746	1225 1247 1288 1406 1163	1320 1479 1433 1478 1210	1280 1371 1342 1453 1131	796 854 885 1008 727	530 564 575 676 424	314 349 340 428 214	68 87 81 131 28	6979 7436 7515 8725 6189	6757
DIXON OONEGAL OONORA OU BOIS FAA AIRRORT DU 8015 7 E	21 35 1	34 34 5 31 38	264 258 146 273 277	447 412 285 448 448	882 752 639 827 847	1291 1266 1114 1324 1335	1384 1315 1167 1406 1383	1340 1263 1077 1351 1342	919 773 589 865 873	571 545 360 554 559	320 317 154 311 315	52 86 17 78 82	7525 7056 5554 7528	4834
EAGLES MERE EAST BRADY EBENSBURG EMRORIUM 1 N ENGLISH CENTER	42 6 20 79 36	68 8 20 97 60	327 169 270 348 297	509 333 438 533 466	892 744 834 923 851	1314 1224 1301 1376 1288	1472 1342 1323 1483 1348	1428 1248 1258 1472 1364	995 707 829 985 923	626 433 521 643 597	388 198 331 427 374	102 32 83 127 100	8163 6444 7228 8493 7704	6691
ERHRATA ERIE WR AIRRORT EVERETT 1 5W EARRELL SHARON FORO CITY 4 5 DAM	0 7 10 0 23	5 27 7 6 22	154 173 186 140 206	306 338 358 275 406	699 731 812 669 772	1094 1174 1210 1132 1225	1159 1394 1263 1259 1372	1126 1306 1256 1127 1325	659 839 768 681 792	368 543 460 388 499	179 350 279 170 294	12 64 46 20 63	5761 6946 6655 5867 6999	5138 6451 5589
FRANKLIN ERFELANO GEORGE 5CHOOL GETTYSBURG GRATFREORO 1 E	29 17 5 6 3	14 15 15 4	216 246 157 156 187	361 405 342 289 378	763 837 739 709 766	1254 1304 1109 1101 1141	1389 1345 1236 1228 1266	1296 1265 1141 1157 1172	833 888 762 688 769	535 560 440 367 456	273 275 241 178 267	41 42 28 23 34	7004 7199 6215 5906 6458	6405 6771 5260 5038
GREENVILLE HAMOVER HAPRISHURG WB AR HAWLEY HOLTWOOO	1 3 0 31 0	10 4 3 40 0	159 142 126 285 90	346 272 297 439 255	724 725 712 800 687	1230 1089 1132 1263 1105	1402 1197 1198 1416 1178	1246 1146 1107 1398 1087	779 660 666 964 703	494 374 325 587 371	253 171 146 348 159	36 22 4 89 6	6680 5805 5716 7660 5641	6108 5053 5205 4963
HUNTINGDON INOIANA 3 5E JAMESTOWN 2 NW JOHNSTOWN KANE 1 NNE	16 14 28 9	0 18 44 6	227 222 181	389 386 409 334 544	801 756 778 714 920	1206 1239 1282 1157 1353	1292 1293 1497 1242 1510	1207 1248 1398 1234 1504	780 750 883 739 983	443 491 553 449 659	263 279 348 250 430	57 77 41 151	6758 7519 6356	5796 5626
KAPTHAUS KEGG LANCASTFR 2NE PUMR 5TA LANOISVILLE 2 NW LAWPENCEVILLE 2 S	5 2 8 21	10 8 8 27		358 356 351 425	784 796 766 882	1169 1195 1157 1265	1144 1189 1284 1334	1144 1120 1246 1289	741 683 765 872	456 366 446 560	342 250 159 230 297	76 41 4 27 53	6311 6063 6472 7300	5328 6670
LEBANON 4 WNW LEWISTOWN LOCK HAVEN MADERA MARCUS HOOK	12 12 56 0	7 3 15 77 4		335 325 408 514 191	735 809 896 603	1161 1252 1357 995	1273 1256 1346 1433 1083	1224 1202 1312 1437 992	764 764 805 934 606	403 437 484 625 323	214 232 251 401 129	26 28 38 112 1	6311 6969 8182 4990	5771 4303
MARION CENTER 2 5E MARTINSBURG FAA AR MATAMORAS MEAOVILLE 1 5 MERCER 2 NNE	20 12 27 17	25 13 42 31	208	426 389 406 392	798 790 784 778	1278 1234 1267 1244	1379 1252 1489 1361	1299 1165 1402 1316	819 729 881 819	506 433 548 557	286 250 347 309	70 44 84 76	7156 6519 7520 7123	6585
MERCERSBURG MILANVILLE MILLVILLE 2 SW MONTGOMERY LOCK AND DAM MONTPOSE	6 19 3 34	6 27 4 68	263 140	328 463 302 532	739 849 681 935	1145 1299 1181 1321	1239 1402 1264 1446	1135	731 887 674 996	528 416 660	215 338 196 416	34 54 27 99	6208 7495 6023 8265	
MORGANTOWN MT GRETNA 2 SE NEW CASTLE 1 N NEWELL NEWORPT	1 9 6 5	6 9 13 0	153	366 349 333 299 346	740 681	1130 1152 1222 1129 1157	1225 1268 1332 1190 1264	1101 1176 1202 1125 1230	696 714 745 671 763	407 396 449 392 406	225 228 242 198 214	26 30 40 19	6093 6300 6494 5862 6374	5809
NEW STANTON NOPPISTOWN RALMERTON RHIL DREXEL INST OF TEC RHILADELRHIA WE AR	10 0 2 0	1 0 5 8 5	104 212 80	331 256 392 195 272	682 785 614	1180 1072 1194 1037 1048	1249 1119 1264 1110 1159	1195 1025	695 659 806 598 680	477 353 463 308 375	272 154 240 152 175	4	6404 5450 6602 5125 5587	5902 5101
RHILADELRHIA RT BREEZE RHILIRSBURG EAA AR RHOFNIXVILLE 1 E RITTSBURGH WB AR 2 RITTSBURGH WB CITY	0 75 0 11	12	140		899 742 707	986 1371 1127 1263 1123	1064 1412 1177 1354 1185	1358 1067 1273	591 905 682 747 611	274 604 386 479 385	115 395 144 271 162	0 122 5 45 17	4865 8110 6743 5639	
RLEASANT MOUNT 1 W RORT CLINTON	103 25	96		561 433		1381 1222	1496 1371		1050 848	686 507	448 326		8748 7244	

## MONTHLY AND SEASONAL HEATING DEGREE DAYS

CONTINUEO

PENNSYLVANIA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normals July-June
PUTNEYVILLE 2 SF 0AM OUAKERTOWN 1 F READING WE CITY RENOVO RIOGWAY  SALINA 3 W SCRANTON SCRANTON WE AIRPORT SHIPPENSBURG SLIPPERY ROCK	21 0 0 17 55	30 10 4 22 56 15 16 10 0	257 179 114 243 308 211 198 199 134 181	431 338 271 424 455 363 384 414 286 360	796 745 659 834 863 756 802 848 742 723	1272 1163 1092 1283 1314 1210 1192 1260 1145 1208	1406 1234 1147 1361 1431 1303 1315 1289 1165 1339	1352 1134 1078 1333 1446 1288 1272 1131 1236	820 738 647 879 894 749 842 820 683 756	529 433 336 535 604 525 490 475 370 471	319 204 147 310 374 264 276 236 163 241	73 26 4 52 104 56 39 45 11	7306 6204 5499 7293 7904 6844 6871 5830 6590	5704 4945 7048 6037 6453
STATE COLLEGE STOYSTOWN STOUOSBURG SUNBURY TIONESTA 2 SE DAM	13 42 11 5 35	15 57 22 5 36	228 280 236 198 270	403 442 459 381 453	816 848 871 811 828	1241 1278 1306 1229 1322	1339 1344 1347 1305 1480	1302 1343 1281 1271 1458	829 836 868 807 927	477 547 516 462 606	246 360 280 269 338	34 100 61 33 79	6943 7477 7258 6776 7832	6048
TITUSVILLE WATER WORKS TOBYMANNA TOWANDA 1 FSE TOWER CITY 2 E UNIONTOWN	57 47 7 21 2	88 67 28 29 9	342 335 235 267 156	515 498 396 446 297	916 902 868 834 644	1420 1362 1270 1235 1114	1552 1375 1312 1346 1144	1473 1323 1246 1309 1090	996 944 856 820 596	667 602 531 493 385	435 357 282 322 170	141 109 52 68 21	8602 7921 7083 7190 5628	6350
WARREN WAYNESBURG 1 E WELLSBORG 3 S WEST CHESTER WEST GROVE 1 SF	18 16 38 1	18 25 59 12	244 210 314 144	420 400 502 303	804 766 919	1275 1225 1302	1355 1327 1459 1226	1274 1245 1414 1147	850 734 977 703 705	537 493 621 378 401	286 293 401 201 193	63 62 94 28 25	7144 6796 8100	5004
WILLIAMSPORT W8 AP YORK 3 SSW PUMP STA ZION GROVF	1 2	7 0	200 143	389 278	777 721	1242 1140	1288 1160	1235 1119	803 666	442 377	237 153	30 9 75	6651 5768	5934 5030

### EVAPORATION AND WIND

PENNSYLVANIA JULY 1963

																I	Day o	f mor	th														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BEAR CREEK DAM	EVAP WINO MAX MIN	.21 31 90 65	.26 35 92 65	.27 51 92 64	.36 108 77 50	.35 89 75 50	.35 77 78 52	.33 60 80 52	.16 49 77 53	.23 55 78 49	.23 51 77 50	.18 52 73 52	.21 45 80 54	.24 46 81 57	.25 74 82 60	.06 107 65 58	.20 70 78 57	.21 34 85 58	.29 47 88 58	.22 43 88 66	.27 63 89 67	.19 41 77 62	.14 31 78 61	.09 15 76 62	.14 19 81 60	.19 27 89 61	.21 30 89 64	.20 28 90 65	.17 27 90 65	.20 31 89 67	.28 65 85 66	.29 54 83 55	6.98 1555 82.3 58.9
BELLEFONTE 4 S	EVAP WINO MAX MIN	.19 33 94 68	.26 27 98 68	.16 69 93 64	.40 56 75 48	.34 120 83 52	.38 123 84 53	.24 0 89 56	.15 51 83 58	.26 73 80 50	.24 40 80 52	.08 38 78 59	.31 42 82 59	.19 31 89 60	.31 90 86 60	.03 136 66 60	.23 70 80 58	.22 53 85 69	.10 46 90 63	.36 78 87 68	.18 61 90 70	.28 91 89 69	.22 64 90 62	.27 43 94 63	.14 36 85 62	.22 30 92 62	.22 29 93 64	.21 31 92 65	.25 57 92 68	46 88 65	70 85 64	59 85 60	8 7.13 1793 86.4 61.3
CONFLUENCE 1 SW OAM	EVAP W1N0	.21	.19	.50 40	.87	.24	.26 58	. 19	.19	.31	.18 35	.06	.28	.14		.01 48	.16	.15	.22	.21	.28	.24 45	.12 36	.16 13	.09	.16 45	.21 6	·17	.15		.11 34	.23 25	6.70 <b>9</b> 57
FORO CITY 4 S OAM	EVAP	.21	.24		.29 67	.26	.28 51	.22	. 15 40	.35 67	.22 43	.10	.20			.06 95	.16 50	.15 31	.15	.24 48	.20 64	. 12 39	.20	.17 27	.13 21	.19 20	.22 19	.18 21				.30 41	6.62 1216
JAMESTOWN 2 NW	EVAP WI NO	.17	.21	.23 48	.25	.23	.25 40	_ 24	39	- 54	 11	.16	.17	.20 45	.31	- 04 59	.18	.10 18			·11	.10 42	.23	.09 15	.17 13	.18	.19 11	.17 16		.39 26			B 5.65 865
KANE 1 NNE	EVAP WINO MAX MIN		.15 10 92 66	85	.20 29 77 51	.22 26 83 50	.23 39 80 50	.18 17 85 52	.11 21 79 55	.20 34 80 42	. 19 19 78 46	11 70		.13 10 80 56	87	.01 36 74 61	.12 27 82 62	.10 15 78 58	.11 18 87 62	.17 23 87 62	.15 6 84 62	.06 36 75 62	21	.14 8 80 60	.12 8 86 60	.20 9 92 62	.17 13 93 64	.17 13 90 64	.11 16 86 65	.17 25 92 71	.08 18 76 62	25	4.62 605 83.3 58.3
LANOISVILLE 2 NW	EVAP WINO MAX MIN		39 97 69	.32 66 97 74	.45 121 84 52	.55 85 82 62	85	.42 65 85 57	.35 72 89 63	.35 96 88 42	.20 51 90 42	45		.15 36 84 55	.23 45 84 65	.05 66 67 59	.29 67 86 62	.23 30 90 65	.26 28 95 67	.31 43 98 68		.26 69 87 65	73 87	.13 17 91 57	.09 13 90 65	14			41	43 102	.23 41 104 62	.27 1 85 58	1509 90.2

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED OURING THE 24 HOURS ENDING AT TIME OF DESERVATION.

Ŏ.		NATURAL CONCENSION OF THE FEW ATTOMORY CONCENSION OF THE FEW A				NO.		H	DE	UDE	ON		ME A						
STATION X	COUNTY	DRAINAGE	LONGITU	ELEVATIO	TEMP.		SPECIAL STE NOTES	OBSERVER	STATION	INDEX !	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION		EVAP.		OBSERVER
ALLENS MILLS ALLENTOWN WB AP ALLENTOWN GAS CO ALTDONA HORSESHOE CURVEOLT ALVIN R BUSH OAM APOLLO 2 W ARENOTSVILLE AUSTINEURG 2 W 031	LEHIGH LEHIGH BLAIR CLINTON WESTMORELAN JAMES TIOGA	15 39 55	78 29 77 56 79 36 77 18 77 32	254 1500 930 1060	BA E	D A P		CORPS OF ENGINEERS CHARLES H. ALLEN U.S. WEATHER BUREAU LEMIGH VALLEY GAS DIV. ALTOONA WATER BUR. ALVIN R BUSH OAM EUGENE R. YOUNG PA. STATE COL. EXR.STA. OTTO D. BACON PGH. CUT FLOWER CO.	LAKE NIMISINK LAKEVILLE 1 NNE LANCASTER 2 NE PUMP 5T/ LANCASTER 2 NE FILT PL LANOISVILLE 2 NW LAURELTON STATE VILLAGI LAWRENCEVILLE 2 5 LEBANON 3 SW LEBANON 3 SW LEBIOTON	4763 4778 4853 4873 4893 4896	WAYNE LANCASTER LANCASTER	5 4 15 4 15 4 15 4 15 4 15 4 15 4 15 4	1 27 0 03 0 03 0 07 0 54 1 59 0 21	75 03 75 16 76 17 78 17 76 26 77 13 77 07 76 29 76 28 75 43	1360 1440 255 270 360 875 1000 590 490 580	8 A 7 A 6 P		AC G	NRS. IRENE FOREMAN MRS. GLAD'S REINEKE LANCASTER WATER BUR. LANCASTER WATER BUR. PA. 5 TATE COLLEGE PA. DEPT. OF WELFARE HARRY P. HOWLAND LEON MILLER THOMAS OONNACH IE GOODMIN S. OEFREMN
BARNES 0401 BEAR (REEK DAN 0451 BEAP GAR 0451 BEAVER FALLS 0471 BEAVER FALLS 0471 BEAVER FOUN 0481 BECHTELSVILLE 0481 BELLEFONTE 4 S 0430	S ALLEGHENY WARREN LUZERNE NORTHUMBLAN BEAVER SNYOER BERKS CENTRE BERKS COUNBLA	2 40 46 15 40 45 14 40 22 16 40 51	79 02 75 44 76 30 80 19 77 11 75 38 77 47 76 00	1310 1505 900 760 590 400 1110 325 570	8A 8	7A 8A 7A 7A 7A		CORPS OF EMGINEERS CORPS OF EMGINEERS ROARING CREEK WATER CO. HOWARD R. KEMP GUY F. RITTER PAUL W. FISHER ROCKVIEW PRISON FARN FLOYO W. TRUMP BERMICK IND DEV ASSO IN CITY OF BETHLEHEN	LE ROY LEWIS RUN 3 5E LEWISTOWN LOCK HAVEN 1 LOCK HAVEN 2 LONG POND 2 W LYNCH NADERA MANAFEEY	4972 4984 4992 5104 5109 5160 5275	BRAOFORD MC KEAN MIFFLIN CLINTON CLINTON MONROE FOREST CLEARFIELD CLEARFIELD MONTGOMERY	15 4 6 4 16 4 16 6	1 41 1 50 0 35 1 08 1 08 1 03 1 36	76 43 78 39 77 35 77 27 77 27 75 30 79 03 78 26 78 44 75 11	1040 1740 480 680 630 1860 1295 1460 1280 380	7A 7A	7A 7A 7A 7A 7A 7A 7A 7A	N N N N	LEAMON M. BAUNAN RIDSELL LIMENAN RIDSELL LIMENAN RIDSELL SENTENAN LIMENAN VISCOSE CO. JOHN P. PREVER THOMAS MECKES CORPS OF EMGINEERS GORPS OF EMGINEERS MRS. JULIA J. SHOFF MIDS ELLEN J. MILED FRANCES E. SCHEIBNER
BETHLEMEN 062' WBETHLEMEN LEHIGH UNIV 072 BLAIR 97 LLE 6 ERE 81 074 BLOSERVILLE 1 N 076 BRADDOCK LOCK 98 BRADDOCK LOCK 98 BRADFOR FAA AIRPORT 1400	I COLUMBIA MORTHAMPTON NORTHAMPTON NORTHAMPTON NORTHAMPTON NORTHAMPTON MONROE CUMBERLAND SONERSET I ALLEGHENY MC KEAN MC CEAN	15 41 00 9 40 30 15 40 20 4 40 20 9 41 10 11 40 00 10 40 20 11 40 00 11 41 41 11 41 5	75 22 77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39	240 411 750 2046 1650 650 1810 725 2121 1500	BP BA MID M	8 P 7 A 7 A 1 D 8 A	CC C H	LEHIGH UNIVERSITY PA. DEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS MRS. ESSIE M. WILLDERS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPT.	MARLE GLEN NAPLETON DEPOT MARCUS HOOK NARIENVILLE 1 5W NARION CENTER 2 SE MARTIN 5BURG FAA AR MATANDRAS MC CONNELLSBURG MC KEESPORT MEADON SUN PONOS	5381 5390 5400 5408 5454 5470 5526 5573	HUNTINGDON DELAWARE FOREST INDIANA BLAIR PIKE FULTON ALLEGHENY LUZERNE CPAWFORD	6 4 5 3 1 4 6 4 5 4	0 24 9 49 1 27	77 56 75 25 79 09 79 02 78 19 74 42 78 00 79 52 75 40 80 10	1700 1700 1610 1476	MID 6P MID 7A	7A	K C C	NRS. 1. S. BUCHANAN SUN OIL CO. ROY A. MANKER CORPS OF ENGINEERS H FEO. AVIATION AGENCY H MARRY BISLAND OAVIO W SHIVES JR U S CORPORATION GEORGE PEARAGE H CITY OF MEADVILLE
BREZZEMOOD 000 BRUCETON 1 5 103 SUCKSTOWN 1 5E 107 BUFFALO MILLS 100 BUFFALO MILLS 100 BUFFALO MILLS 100 BUFFALO MILLS 113 BUFFALORINS 2 NE 111 BUFFALORINS 2 NE 113 BUFFALORINS	BEOFORO  ALLEGHENY SONERSET BEOFORO SHASHINGTON HUNTINGOON BUTLER SUITLER SUITLER	1 41 5 6 40 0 10 40 1: 4 40 0 6 39 5 11 40 2 6 40 0 2 40 5 2 40 5	78 44 78 14 79 59 78 50 7 78 39 8 80 26 5 77 52 79 54 1 79 53	1680 1352 106 246 131 98 99 1100 1140 590	7A 5P 8A	5P 1D 7A 8A 7A 5P 8A	С	BPADFORO WATER COPT.  PA. TURNPIKE COMM. AUSTIN R. COPPER ALVIN W. MANGES CLIFFORD.C. AGAMS SNITH TWP. MUN. AUTH. PA. TURNPIKE COMM. WALLACE A LOZA WEST PENN POWER CO. LESLIE D. GOWLING MRS.NILDRED SPENCER	MEADVILLF 1 S MEDIX RUN MERCER 2 NNE MERCER SBUBG MERWINSBURG MEYERSDALE 1 W MILARVILLE MILLERSBURG 2 E	5627 5651 5654 5662 5676 5686 5731 5738	ELK MERCER MERCER FRANKLIN	16 4 2 4 12 3 17 3 17 3 15 4	1 17 1 15 1 14 39 49 40 58	78 24 80 13 80 15 77 54 75 28 79 02 76 31 75 04 76 56 TT 29	1100 1160 1250 615 985 1960 771 761 561	7P 8 8A	7A 7A 8A 9A	2 2 2 2	H MRS.E. M. SMYDER MRS. FRAN. STRUTHERS PA. DERT. HIGHWAYS MRS. ROBERTA C GILBERT ARTHUR A. SMITH E T C SNYOER CMARLES E. STROUD CHARLES W. DAVIS RUSSELL SHEPLEY NEVIN E. BOWERSOK
CANTON 1 NW 121 CARILISLE CARROLLTOWN 2 55E 125 CARTER CAMP 2 W 126 CEDAR RUN 1310 CHADDS FORO CHAMBERSBURG 1 ESE 135 CHARLEROI 100CK 6 CT ARE NCE 146	BRAOFORO  LA CUMBERLANO LO CAMBRIA LO POTTER LO CAMBRIA LO POTTER	15 40 1 16 40 3 16 41 3 16 41 3 5 39 5	76 52 77 12 78 42 77 45 77 27 75 37 77 37 77 38 79 35 79 54	170 640 1040 749 1390	6P	7A 6P 8A 7A 7A 7A 9P	H H H	MRS-NILDREO SPENCER CARROLL G. MILLER ROBERT F. MAURER RICHARO L. MENKEN RATHENY D. T. RETIGHBAUM E. EARL TOUCHTON CMARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS NRS SUSAN VERBITSKEY PA. ELECTRIC CO.	MILLHEIM MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND D/ MONTROSE MORGANTOWN MT GRETHA 2 SE MOUNT UNION 1 N MURRYSYLLE MYERSTOWN NATRONA LOCK 4	5817 5825 AN5902 5915 5956 6024 606 6111	COLUMBIA	15 6 11 15 15 15	40 43 40 39	76 34 77 35 80 23 75 52 75 56 76 26 77 53 79 42 76 18 79 43	869 771 69 156	0 7A 0 5P 0 7A 0 HIO 0 HIO	7A 8A 7A TA	0 00	KENNETH LEIGHOW THOMAS C. MARBESON CORES OF ENGINEERS M RALPH TATLOR PA. TURNPIKE COMM. MI. UNION WATER WORKS OAVID C. SMAW MRS.KATHLEEN WANGELL CORES OF ENGINEERS
CLAUSSVILLE CLAYSVILLE 3W CLEAFFELD CLERNOYT A NY CLERNOYT A NY COAFESVE I SW DAM 177 COMPEQUENCE 1 ND 177 COMPEQUENCE 1 ND 177 COMPEQUENCE 1 ND 177 COMPEQUENCE 1 ND 177 COMPEQUENCE 1 ND 177 COMPEQUENCE 1 ND 177	25 CLARION 25 LEHIGH 22 WASHINGTON 29 CLEARFIELO 24 MC KEAN 25 MC KEAN 26 MC KEAN 27 CHESTER 28 SONERSET 20 FRAYETTE 20 CRAWFORD	9 40 3 11 40 0 16 41 0 1 41 4 1 41 4 5 39 5 17 39 4 17 39 9 8 417 40 6	7 75 39 7 80 28 1 78 26 1 78 32 4 78 32 8 75 50 8 79 22 0 79 22	670 1000 1100 2104 1620 342 1490 1331	7P 5P 8A 8A	7 A 9 A	C C C	PA. ELECTRIC CO.  WILLIAM J. + H. CO.  IRA TAYLOR MRS. TILLIE N. SIMONOS MRS. TILLIE N. SIMONOS PHILA. ELECTRIC CO.  CORPS OF ENGINERS JOHN L. REID S. CARLYLE SHELDON ARSHALL B. MENFEFE	MAFFS NILS 3 ME MESSHAMINY FALLS MEW CASTLE 1 N MEWELL MEW PARK MEWPORT NEW STANTON MEM TRIPOLLI MORRISTOWN MORTH EAST 2 SE	617 619 623 624 628 629 631 632 637	HUNTINGDON BUCKS LAWRENCE FAYEITE FORK PERRY WESTMORELAND LEHIGH OMONTGOMERY ERLE	6 5 2 10 15 6 10 14 14	40 40 40 09 41 01 40 05 39 44 40 29 40 13 40 41 40 07 42 12	77 55 14 57 80 22 79 54 76 30 77 08 79 36 75 45 75 21 79 49	90 6 62 80 78 40 98	D 5 5P 5 12M 0 7A 0 MID 0 5 MID 0 5 MID 0	12M 6P 7A MID 6P	¢	RA, STATE UNIVERSITY RMILA, SUB, MATER, CO. LEMIS W, MAMILTON GENERAL CHEMICAL CO. CLINTON J, ALLEN H MSS. FRANCES K. FRY PA, TURNPIKE COMM. FEED C. OSWALO BOROUGH OF MORRISTOM ELLSWORTH WEAVER
COMMELL SVILLE 2 E 172 COMSHOMOCKEN 177 COOK SBURG 174 COPAOPOLIS NEVILLE 15 177 CORPY 177 COUDERS PORT 3 NW 167 COUDERS PORT 6 E 188 COVINGTON 2 WSW 188 CREEKS 10 188	23 FAYETTE 29 FAYETTE 37 MONTGOMERY 49 CLARION 73 ALLEGHENY 90 ERIE 06 POTTER 06 POTTER 33 TIOGA 81 INDIANA	17 40 0 5 40 0 1 41 2 11 40 3 1 41 5 1 41 6 1 5 41 4 1 5 4 1	1 79 33 4 75 19 0 79 13 0 60 05 5 79 35 9 78 03 6 77 53 14 77 07	1300 70 1180 720 1440 2020 3 2425	6P 7P	8A 8A 8A 6P 8A 7A 7A	c	MARRY C. JOY MILA. ELECTRIC CO. PA. OEPT. FRST WTRS. POM. COME C. CMEM. CO. RICHARD T. MOUNTAIN MISS ELIZABETH MEFF INACTIVE . 110/63 CALVIN R. PACKARD CORPS OF ENGINEERS FRED A. PLENPEL	MORTH PHILADELPHIA AP ORWELL 2 NW PALM PALMERTON PARKER 1 RAUBACK 2 WNW PHIL OREKEL INST OF T RHILADELPHIA WB AP PHILADELPHIA WB AP PHILADELPHIA PI BREEZ	T 641 662 668 668 672 672 672 676 688	9 PHILADELPHI 2 BRADFORO 1 MONTGONERY 9 CARBON 1 ARMSTRONG 4 CLARION 2 PIKE 9 PHILADELRHI 9 PHILADELPHI 9 PHILADELPHI	15 14 9 1 1 1 5 A 14 A 5	40 05 41 55 40 26 40 48 41 05 41 06 41 24 39 57 39 53 39 55	75 01 76 18 75 32 75 37 79 40 75 14 75 11 75 15 75 12	10 134 38 43 114 110	id 15 15 MIC 10	7A 8A HID HID	2000	AIRPORT GUAROS ELMER T. MOORE NS NELENE ESCHBACH NEW JERSEY ZINC CO. LOUIS A. MALARKEY P. M. NEELY MISS L. VETTERLEIN FRANCIS K. DAVIS. JR. JU.S. WEATHER BUREAU ATLANTIC REFINING CO.
OANVILLE 200 DEVAULT 1 W 21 DINGNANS FERRY 21 DISON 21 ODNEGAL 21 DOWGRA 21 DOVLESTOWN 22 DRIFTWOOD 22 DRIFTWOOD 22	95 CAMBRIA 13 MONTOUR 16 CHESTER 60 PIKE 17 WYONING 83 WESTNORELA 90 WASHINGTON 21 BUCKS 449 CAMERON 60 JEFFERSON	10 40 5 40 16 41	76 3° 75 3° 75 3° 76 5° 77 79 2° 77 79 2° 78 0° 78 0° 78 0° 78 0° 78 0° 78 5°	7 460 3 360 2 430 7 750 3 1746 2 900 8 358	TA MID SP	7A HID 7A HID 5P 5P	K .	MRS. MARIE H. LITTLE PA. TURNPIKE COMM. THOMAS A. HOTALEN HAROLD J. KUSCNEL PA. TURNPIKE COMM. THEODORE F. MATHUES KARL W HISTANO SIONEY KENNEDY	RHILIPSBURG FAA AR PHOENIXVILLE 1 E PIKES CREK PITISBURGH WB AP 2 #AITISBURGH WB CITY PLEASANT MOUNT 1 W PORT CLINTON POTTSVILLE PUNKSUTAWNEY PUTNEYVILLE 2 SE DAM	691 692 693 699 702 711 716	6 CENTRE 17 CHESTER 19 LUZERNE 13 ALLEGHENY 17 ALLEGHENY 18 SCHUYLKILL 11 SCHUYLKILL 12 JEFFERSON 19 ARMSTRONG	6 14 15 11 11 5 14 14	40 54 40 07 41 18 40 30 40 27 41 44 40 35 40 42 40 57 40 55	78 05 75 30 76 08 80 13 80 07 75 23 76 06 76 11 79 00 79 13	10 13 11 10 7 180 2 4	97 MIC 9 MIC 90 87	7A 7A MID MID 8A 7A 8A	מט מטממטטט טט	M FED. AVIATION AGENCY RHILA. SUB. WATER COMM HARRY SHELDON MJ U.S. WEATHER BUREAU U.S. WEATHER BUREAU H WILLIAM POLIVEA HRS. ADA E. RARICK LLOYD E. WELLER CARL E. ROTOLO CORPS OF ENGINEERS
OUNLO 22 DUSHORE 2 SSW 23 EAGLES MERE 23 EAST BRAOY 23 EBENSBURG 24 EDINBORO 25 EMPORIUM 1 N 26	65 CLEARFIELD  98 CAMBRIA  125 SULLIVAN  143 SULLIVAN  143 CLARION  164 CAMBRIA  114 ERIE  135 CAMERON  144 LYCOMING	a' 40 16 41 16 41 1 40 4 40 1 41 16 41	29 76 2° 24 76 3° 39 79 3 29 78 4 52 80 0 32 78 1 26 77 1	3 2416 5 1916 5 2026 7 826 3 2096 8 1226 4 1566 7 88	0 7A 0 5P 0 7P 0 8A 0 7A	8A 7A 5P 7A 8A 7A	מח החת	MRS. D. L. WHITE ROBERT J. DBERT FRANCIS B. MANLEY A. B. KEMPEL ROBERT A. WASSER EDINBORO ST. TCHR. COL. MRS. TALLIE M. BRITTON WILLIAM SUDERS	OUAKERTOWN 1 E RATMOND AREADING WE CITY RENOVO RENOVO 9 S	731 731 740 741 742 744 741	39 BUCKS 10 POTTER 18 BERKS 10 CLINTON 10 CLINTON 25 MC KEAN A3 GREENE 77 ELK 60 BEAVER 27 SUSDUEMANNA	13 14 16 16 16 1 10 1	40 26 41 52 40 20 41 20 41 14 41 54 39 57 41 25 40 43 41 47	75 26 77 5; 75 5; 77 4; 77 4; 78 3; 80 0; 80 1; 76 0	2 22 8 26 5 66 2 22 2 22 7 7 5 13 8 9	66 M1 60 7: 35 30 75	7A MID TA 8A 7A	0 0	OENNIS F. FLUCK MRS. DACHEL LANGAN HJ U.S. WEATHER BUREAU ELMER G. BATSCHELET C. F. BILLETTE EDWARD R. CLARK CORRS OF ENGINEERS BOROUGH OF RIDGWAY OEQUESNE LIGHT CO. CARL KOPAIZ
EPHRATA 26  EOUINUNK 2  ERIE CO FIELO RSCH LAB 26  ERIE WB AIRPORT 26  EVERETT 1 SW 27  FARRELL SHARON 26  FORO CITY 4 5 OAM 29	62 LANCASTER	15 40 5 41 8 42 6 42 6 40 2 41	76 1 75 1 77 1 77 5 77 5 77 5 77 5 77 7	3 91 1 74 1 73 3 102 0 85 0 95 9 98 4 190	6R 00 00 00 00 00 00 00 00 00 00 00 00 00	7A MID 8A 7P 8A 8A 7A	G	STANLEY L. VON NEIDA  MRS. H. C. FLYNN FIELO RESFARCH LAB. MJ U.S. WEATHER BUREAU H PA. TURNPIKE COMM. SMARON STEEL CORP. H CORPS OF ENGINEERS RICHARO A BEITH ANDREW B. EVANSHA H STANLEY G. LUSH	RUSSELL SAFE HARBOR SAGAMORF 1 S SALINA 3 W SAKTON SCAMOIA 1 E SCHENLEY LOCK 5 SCRANTON SCRANTON MB AIRPORT SELLERSVILLE 2 NW	77; 77; 77; 78; 78; 78; 78; 79;	29 WARREN 39 INDIANA 82 WESTMORELAN 66 BEDFORD 59 WAPREN 63 ARMSTRONG 02 LACKAWANNA 03 BUCKS	1 15 10 7 6 1 1 15	41 56 39 59 40 46 40 31 40 12 41 55 40 41 41 25 41 20 40 23	79 0 76 2 79 1 79 3 78 1 79 0 79 4 75 4	8 12 3 2 4 13 3 11 5 7 2 21 0 7 0 7	7D 2D 09 6 8D DD	VAR A 7A		MIKE L. FERRIE S.M. WATER POWER CORP. CORS OF ENGINEERS MUN. AUTH. WSTMRLD. CC MRS. ALVERTA L. HOLME! CLARE E WINERITER CORPS OF ENGINEERS U.S. ROST OFFICE HJ U.S. WEATHER BUREAU SELLERSVILLE WATER CO.
GEIGERTOWN 33 GEORGE SCHDOL 32 GETTYSBURG 32 GETTYSBURG 15 GLENCOF 33 GLENCOF 33 GLENMORE 33 GLENMORE 33 GLENMORE 33 GLENMORE 33 GLENMORE 33 GLENMORE 33	BERKS  DO BUCKS  AOAMS  AOAMS  SONERSET  LK  CHESTER  YORK  ALLEGHENY  AYNE	14 40 9 40 12 39 12 39 12 39 1 41 5 40 15 39 11 40 9 41	13 79 9 13 74 9 50 77 1 48 77 1 49 78 5 34 78 3 06 79 4 8 76 4 8 33 80 1 15 75 2	6 13 4 54 4 53 1 162 6 172 7 44 6 62 3 70	5 8A 0 9A 0 5	8A 9A 8A 7A 7A 7A	0000	WALTER C. MOLF  GEORGE M. HART HUGH C. MC ILHENNY NATIONAL MILITARY PARK MRS. MARY N. HARTMAN CORPS OF ENGINEERS JOHN JS. SHRADER MRS. E. C. NC WILLIAMS CORPS OF ENGINEERS DANA LL. SHAY	SHADE GAR 2 NE SHAMOKIN SHEFFIELD 3 W SHIPPENSBURG SINEMAHONING SIZERVILE SLIPPERV ROCK SMETHPORT HIGHWAY SH SOMERSET FAIRVIEW ST SOUTH CAMAN I NE	79 79 80 80	69 HUNTINGOON 78 NORTHUMBLAN 26 WARREN 73 FRANKLIN 45 CAMERON	NO 19	40 12 40 48 41 42 40 03 41 19 41 35 41 04 41 48 40 01 41 31	77 5 76 3 79 0 77 3 78 0 78 1 80 0 76 2 79 0	3 7 8 19 2 7 5 1 1 12 3 13 7 19	90	8A P 4P 7A 7A 7A	c	MRS. MELEN M. PYLE ROARING CREEK WATER CO WILBUR R. NORONI H KEITH B. ALLEN MRS. FRANCES CALOWELL CLOSEO 4-30-63 H RAYMONO E. MILLER PA. DEPT. HIGHWAYS MOMARD G. PECK EUGENE M. COOK
GRATERFORD  GRATERFORD 1 E GREENSORD LOCK 7 GREENSORD E GREENSURG 2 E GREENSURG 2 E HANDVER HANDVER HANLEY 1 S OAM HOLLIOAYSBURG 4	A35 MONTGOMER A37 HONTGOMER 503 GREENE 515 WESTMOREL 526 MERCER 662 YORK 4096 WAYNE 756 WAYNE 001 BLAIR	Y 14 40 Y 14 40 10 39 ANO 10 40 2 41 15 39 15 40 5 41 5 41	14 75 4 47 79 1 18 79 2 48 0 48 76 1 13 76 2 29 75 28 75 26 78	26 24 55 80 51 122 23 98 59 60 51 33 10 88 11 120 24 96	00 7A 08 05 00 6P 00 8A 00 7A	7A 7A 6P 8A MID 7A	0 00	GEORGE S. MANN, SR.  STATE CORRECTIONAL INSI H CORPS OF ENGINEERS PA. GEPT. HIGHWAYS C. EARL MILLER H HAMOVER EVENING SUN H U.S. WEATHER BUREAU HRS. KATHERINE BATES PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO.		83 84 84 84 85 89	108 FRANKLIN 109 YORK 149 CENTRE 152 CENTRE 152 CENTRE 160 SOMERSET 170 BERKS 189 INDIANA 196 MONROE 110 JEFFERSON	12 19 16 16 16 14	39 51 39 52 40 48 40 48 41 41 40 08 40 29 40 33 40 59	77 3 76 5 77 9 77 9 78 7 78 7 78 7 78 7	0 15 2 4 2 11 9 16 7 18 1 6 1 7 18	180	7 A 8 A 7 A 8 A 8 A 8 A 8 A 8 A 8 A 8 A	c	VERMON MONG JACOB KLAHR HARRY F. BENNETT
MOLLISTERVILLE  #HOLTWOOD  HOME HONESDALE 4 MY HONESDALE 6 NMW HONESDALE 6 NMW HOP BOTTOM 2 SE HOW TOOD  HOW TROUDE HYDDMAN	LANCASTER O27 INDIANA WAYNE 044 WAYNE 047 CHESTER 066 SUSQUEHAN 159 HUNTINGO CUMBERLAN 1190 BEDFORD	1 40 9 41 5 41 5 40 1N 6 40 10 15 40 10 12 39	50 76 1 45 79 1 37 75 39 75 06 75 43 75 29 78 06 77 49 78	20 18 06 122 19 141 17 105 66 70 43 95 01 64 44 96	37 MID 20 10 50 00 00 40 7A	7A 7A 7A 7A 8A 7A	2 2 2	PA. POWER + LIGHT CO.  HRS. EDNA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. M. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER METRO P. DOROSH OONALD LEHMAN H. CLYMER WATER SVC. CO.	SUMBURY SUSSUEHANNA TAMADUA & N OAM TONESTA 2 SE OAM TITUSVILLE TITUSVILLE WATER WOR TORPEDO & W TOMPOOD & ESE	86 86 87 88 88 88 88	568 MORTHUMBLA 592 SUSQUEHANN 758 SCHUYLKILL 573 FOREST 185 CRAWFORO	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 40 52 5 41 5 6 40 40 6 40 51 1 41 29 1 41 30 1 41 31 1 41 41 1 41 4	7 75 5 5 75 5 1 75 79 79 79 79 79 79 79 79 79 79 79 79 79	36 19 38 19 26 13 40 19 42 13 25 19 32 1	020 030 120 200 1550 220 735	74 74 84 84 84 7P 7F 5P 5F 7P 7F	000	MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WTR. C M CORPS OF ENGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE
INGIANA 3 SE  JACKSON SUMMIT JAMESTOWN 2 NM JERSEY SMORE JOHNSTOWN JOHNSTOWN 2 KANE I NNE KARTHAUS EEGG AMMINING LOCK 7	1001ANA 100A 100A 100A 100A 100A 100A 10	15 41 2 41 16 41 4 40 4 40 1 41	36 79 57 77 30 80 12 77 20 78 19 78 A1 78 07 78 59 78 49 79	01 16° 28 10° 15 5° 55 12 55 12 55 12 66 17 07 9	90 84 50 84 14 94 75 84 6 74 8 N10	8A 7A 9A 8A 7A	BAC	ARCHIE LAIN PA. OEPI. FRATO-L. WIRS GEORGE R. WASTON JOHNSTOWN TRIBURE CITY OF JOHNSTOWN RUDOLPH A. ANCERSON ROBERT C BRACTORN PA. TURPHICE COMP. CORPS OF ENGINEERS CITY OF BETMLEMER	TOWER CITY 2 E	85 85 96 GLE 96 NT 96 97	P12 SCMUYLKILL 959 BRADFORD 989 INDIANA 002 MC KEAN 002 BLAIR 042 ERIE 050 FAYETTE 128 MESTMORELA 196 BERK 5 298 WARREN	ANO 1	5 40 3 5 41 4 6 40 2 1 41 5 6 40 4 1 31 5 7 40 3 1 41 5	7 76 7 79 4 78 5 78 5 79 4 79 6 79 1 75	47 1 23 16 1 12 1 48 1 44 1	100 890 640 020 400 040 800	74 74 75 76 76 76 77 77		JENNIE L. BALLARD

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STATION	KI COUNTY	DRALINGE I LATTUDE I LONGITUDE I LATTUDE I LONGITUDE I	OBSERVER	STATION	MDEX NO.	DRAINAGE : LATITUDE LONGITUDE	OBSERVATION TIME AND TABLES EAVE EAVE.	OBSERVER
WASHINGTON WATSONTOWN WATHESTER MILLS 3 WELSTONE 3 E WEST CHESTER WEST GROVE 1 SE WEST GROVE 1 SE WEST HECKORY WHITESBURG WILKES-BARRE	9312 WASHINGTON 9365 NORTHURBLAND 9367 GREENE 9380 FULTON 9408 TIDON 9408 TIDON 9408 TIDON 9408 TIDON 9407 FOREST 9407 FOREST 9405 ARMSTRONG 9702 LUZERNE	11 40 11 40 11 40 14 1700 C   18 41 07 76 52 490 9P   10 39 % 60 10 9% 84 64 C   12 39 % 76 07 91 0   16 41 43 77 16 1920 74 74 C   3 19 % 75 16 48 16 84 64 64 64 64 64 64 64 64 64 64 64 64 64	PAL OFFI, HIGHWAYS WILLIAM BIRD BOROUGH OF WATMESBURG MRS.DORAIL LYNCH MARION L. SHURWAY OALLY COCAL NEWS COMARD-PYLE CO. KINEAR CORPS OF EMOINTERS MRS, MARY G. MIRMAK	WILLIAMSPORT WE AP WIND GAP WOLFSBURG YORK 3 SSW PUMP STA YORK 2 S FILTER PLANI YORK HAVEN YOUNGSYILLE ZION GROVE	9714 BLAIR 9728 LYCOMING 9781 NORTHAMPTON 9873 YORK 9953 YORK 9950 YORK 9950 YORK 9990 SCHUYLKILL 9995 LEMIGH	6 40 27 76 1: 16 41 15 76 5: 5 40 51 75 1: 6 40 03 78 3: 15 39 55 76 4: 15 39 55 76 4: 15 40 07 76 4: 14 1 51 79 4: 15 40 54 76 1: 14 40 28 75 2:	3 527 HID MID C HJ 765 2 1190 7A 5 390 3P 5P 4 640 3 310 8A 9 1225 6 9 940 7A 7A	ROBERT GUNNETE ULS, WEATHER BUREAU MAS, MARY D, HOELZEL WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY HERDPOLITAN FOLISON CO- HERBY CARLET! LAMES O TETER LESLIE HOWATT

\$ 1. ALLEGHENY 2. BENVER 3. CONEMUNG 4. CONEMUNG 5. ORLABARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9. LEMICH 10. MONONGAIRLA 11. OHIO 12. POTOMAC 13. LAKE ONTARIO 14. SCHUYLKILL. 15. SUSQUEMANNA 16. WEST BRANCH 17. TOUGHICHENTY

Additional information regarding thn climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Burnau Airport States, Marrishurg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office new you.

Figuree and letters following the etation name, such as 12 SSW, indicate distance in miles and direction from the post office

Delayed data and corrections will be carried only in the June and December issues of this bulintin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the praceding Junn data will be carrind with the July issue of this builetin.

Stations appearing in the index, but for which data are not listed in the tables, nither are missing or were received too late to be included in this issue

Oivisinns as used in "Climatolngical Data" Table and no the maps, became effective with data for September 1956,

Unless otherwise indicated, dimensional unite used in this bulletin are 'Temperature in 'F, precipitation and evaporation in inches and wind sevenant in miles. Monthly degree day totale are the sums of the magnitude departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless nthurwise shown by footnote following thm "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960,

Wathr equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sinnt, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfaii and Snow on Ground" Table, and in the "Seasonal Snowfali" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperaturn" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, arm for the 24 bours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observate take the observations on daylight saving time.

Snow on ground in the "Snowfail and Snow on Ground" Table is at observation time for all except Weather Dureau and FAA stations. For these stations snow on ground values are at 7:00 a.e., E.S.T in the Station ladex the letters C, G, R, and J in the "Speciai" column under the heading "Observation Time and Tahles", indicate the following

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Rourly Precipitation Oats" Bulletin. State of the process of th

- OTHER REFERENCE NOTES

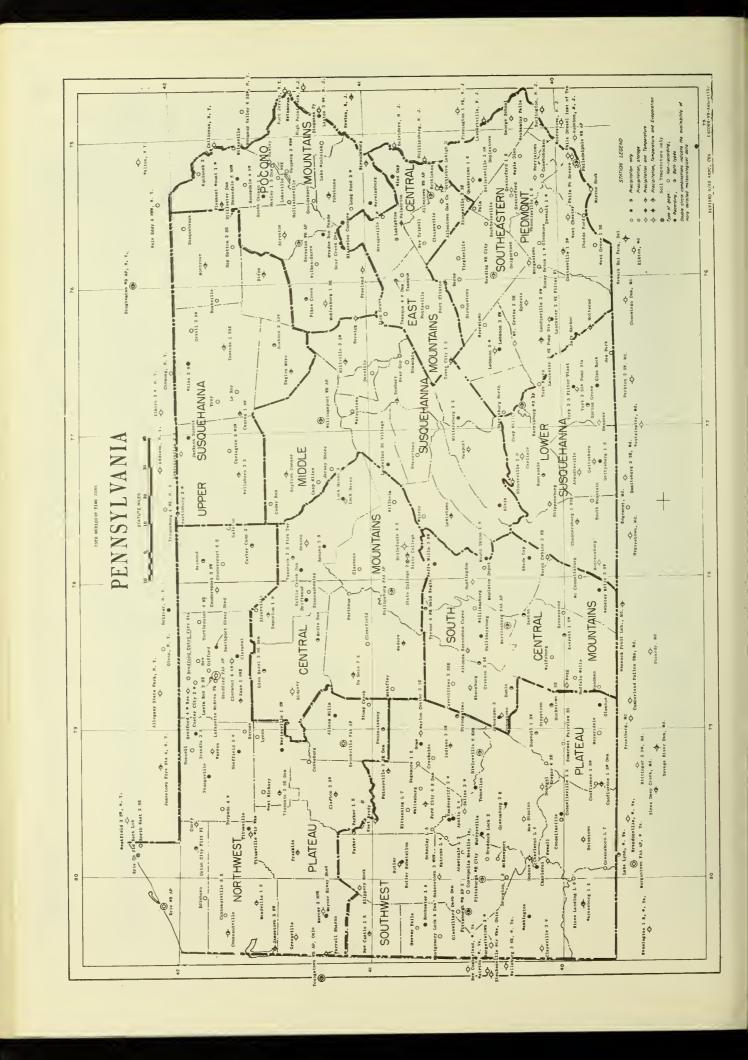
  No record in the "Climatological Data" Table and the "Only Temperature" Table and interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

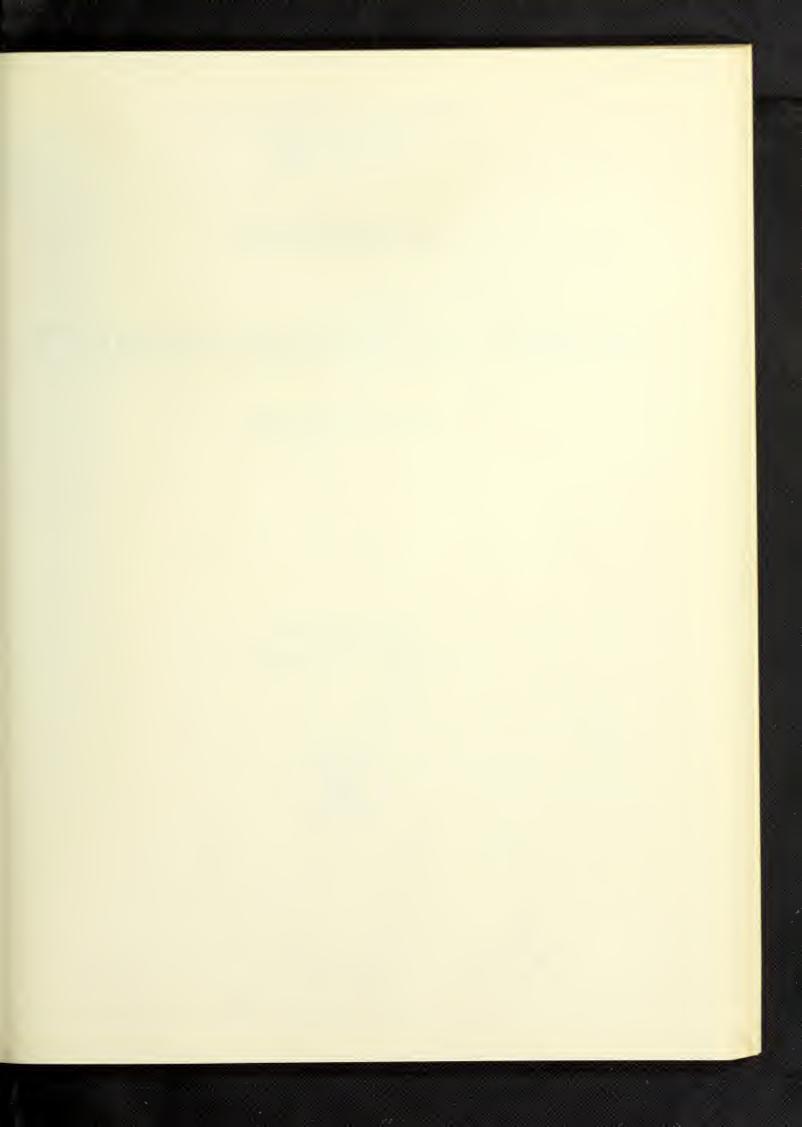
  No record in the Supplemental Onta" Table, "Daily Precipitation" Table; "Evaporation and Wind" Table; "Only Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Supplemental Onta" Table and the Supplemental Onta" Table and the Supplemental Onta" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Only Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Supplemental Onta" Table and the Supplemental Onta" Table; "Snowfall and Snow on Ground" Table; "Paporation and Wind" Table; "Only Supplemental Onta" Table; "Snowfall and Snow on Ground" Table; "On the Supplemental Onta" Table; "Snowfall and Snow on Ground" Table; "On the Supplemental Onta Sup

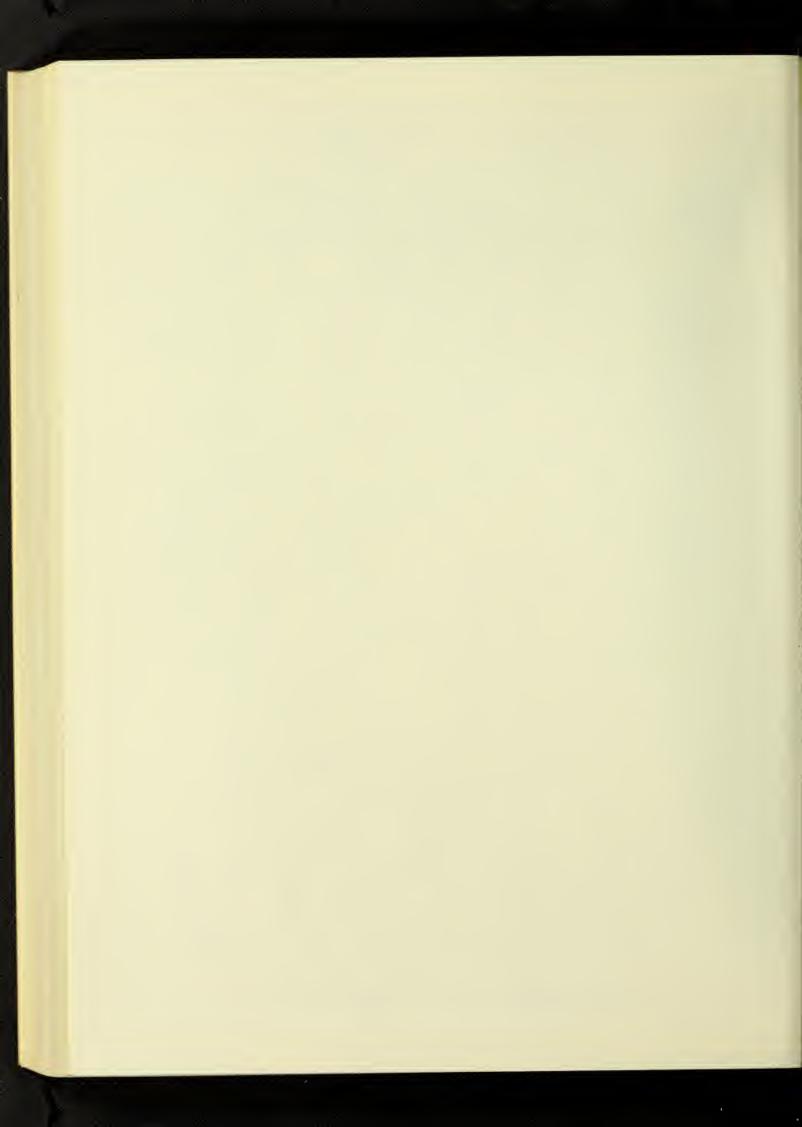
General weather conditions in thm U. S. for each month are described in thm publications wonthly WEATHER REVIEW, WONTHLY CLIMATOLOGICAL DATA-NATIONAL SURGARY, and STORM DATA, all of which may be obtained from thm Superintendent of Documents, Government Printing Office, Weathington 25, O. C.

Information concurring the bistory of changes in locations, slavations, exposura, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from this Superistendant of Couragnation, Government Frinting Office, Washington 25, O. C. for Scotts. Stallar information for regular Weather Eureau stations may be found in the 1961 annual issue of Local Climated Couragnation for the State St

Subscription Price: 20 cnnts per copy, monthly and annual; \$2.50 per year. (Ynarly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Occuments, Resittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, O. C.







51.05

### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

AUGUST 1963 Volume 68 No. 8



													_				Preci	pitation			A000	31	1963
				lem	perati	re	1	1		No	. of 1	Days	+					1	ow, Sle	et	No	o. of	Days
Station				ma_					Days	Мσ	x.	Min			. E	Боу			Depth		Mare	Mare	Mare
	Average	Average Minimum	Averoge	Departure Fram Nari	hest	9	Lowest	2	Φ	90° or Above	ه ه	, o o	*	Tatal	Deporture Fram Narmal	Greatest	Date	Tatel	Max. Depth	Date	.10 or M	.50 ar M	1.00 ar
	Ave	A Avir	À	Pre	High	Date	ľò	Date	å	8 g	Bel	Pel o	100	μ .	<u> </u>	Ĝ	ă	ļ <sub>P</sub>	₹ 8	٥	-	.,	
NORTHWEST PLATEAU					7.0		24	26	150	0	0	0	0	3.72		1.38	3 13		0	0	9	2	1
BRAOFORO FAA AIRPORT BRAOFORO 4 W RES	70.9 73.7 77.5	49.1 49.7 51.4	60.0 61.7 64.5		79 80 85	6 22+ 23	36 36 42	26	112	0 0	0 0	000	0 0	3.13		1.10	13		0	0	10	2	0
CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE	74.1	47.0 52.2	60.6		82 86	8+	36 40	27+ 25	146	0	0	0	0	2.30		• 81	12		0	000	5	2 2	0
CORRY COUOERSPORT 3 NW	75.5 73.9M	51 • 2 45 • 3	63.4 59.6M	- 3.0	82 85	23+	39	26+	79 163	0 0 0	000	0 2 0	0	3.18 2.43 3.99	25	•7: •6:	5 18		0	000	6 9	1	0 0 0
OU BOIS FAA AIRPORT EAST BRAOY	73.7 82.1 74.8	53.6 54.5 58.5	63.7 68.3 66.7	- 3.1	90 84	21+	45 42 50	21	70 16 28	1	000	000	00	3.74	36	1.6	2 3		0	0	6 5	3	1
ERIE W8 AIRPORT FARRELL SHARON FRANKLIN	81.5	58.4	70.0	- 2.9 - 3.0	92 85	21	46	25 17	8 34	1 0	0	0	0	2.26	- 1.63 44	•6	9 1		0	0	8 6	0	
GREENVILLE JAMESTOWN 2 NW	80 • 4 77 • 7	53.6 52.0	67.0	- 3.2	86	8+	43	25	60	0	0 0	0 0 0	000	2.45 1.99 3.49	- 1.34 - 1.55	.7	9 24		0 0 0	0	6 9	0 2	0
KANE 1 NNE MEAOVILLE 1 S	74.4M 76.3 78.3	46.3M 52.0 51.4	60.4M 64.2 64.9	- 4.5	82 83 85	6 23+ 9+	34 43 40	25	147 65 58	000	000	0 0	00	2.89	57	1.0	2 1 5 18		0	000	10	3	1
MERCER 2 NNE TIONESTA 2 SE DAM TITUSVILLE WATER WORKS	76.1 76.5	51.8 50.4	64.0 63.5		83 85	24+	45 39	27+ 26	64 87	00	00	0	0 0 0	2.88	17	.5 .7 .8			000	000	7 9	2 2	0 0 0
WARREN	76.6	53.5	65.1	- 3.9 - 4.4	85	6	44	26+	56	0	0	٥	1	3.33	41				.0				
OIVISION			04.2	- 4.4																			
POCONO MOUNTAINS BEAR CREEK DAM	74.6	50.9	62.8		83		36		99 71	0 0	0	0	0	2.59	- 1.37	1.0			0	0	5		1 2
HAWLEY MATAMORAS	77.1 81.5 78.5	50 • 9 54 • 4 48 • 7	64.0 68.0 63.6		89	24+	41 44 39	26+	23		000	000	000	1.71	- 2.53		4 2		0	0	2 5	2 2	0
MILANVILLE PLEASANT MOUNT 1 W SCRANTON	72.3	49.0	60.7	- 3.4	81	24 24+	37 40	26+	140	0	0	0	0	3.05 2.42	- 1.07 - 1.44	1.0	7 18		0	0 0	5 4 6	2	1
SCRANTON WB AIRPORT STROUDSBURG	78.2 79.5	58.3 51.8	68.3	- 0.7 - 4.8		23	47 38	26+	20 52 89	0	0 0	0	0 0 0	2.04 2.20 1.25	- 1.54 - 2.31 - 4.00	. 6	2 17 0 20 7 1	i .	0	000	4 3	3	
TOBYHANNA	74.5	50.5	62.5	- 3.3	82	23+	37	19	07					2.28					.0				
OIVISION  EAST CENTRAL MOUNTAINS			0.00																				
ALLENTOWN WB AP R	80.9	58.4	69.7	+ 2.3 - 1.5		23 24+	48	25+ 3 25	9				0	3.17 2.39			57 13	2	•0	0	5	1	1 1
ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV	82.0 86.7 78.5	59.4 62.8 56.6	70.7 74.8 67.6	1.3	95	23		19	27	11	0	0	0	1.91 3.29	- 2.5	3 1.0 6 1.4	9 :		•0	0	4 4 5	. 2	
PALMERTON PORT CLINTON ZION GROVE	80.7	49.6	65.2 62.4	- 5.4		24	38		111				0	3.80 2.44	- •6	1.2	21 1		•0	0	5		2 2
OIVISION			68.4	- 2.5	5									2.83	- 1.7	1			•0				
SOUTHEASTERN PIEOMONT														2 27	_ 2.6		77 2	,	.0	0			2 0
COATESVILLE 1 SW OEVAULT 1 W	81.9	57.4 58.0	69.7 69.2 71.6	- 3.1	8	7 23+	4	6 26	1	3 0	C	0	0 0	2.37 3.24 3.59		1.1	98	1	•0	0		6 6	2 1 2
EPHRATA GEORGE SCHOOL GRATERFORO 1 E	82.5 82.6 81.4	60.6 57.0 56.6	69.8	- 3.	88	10	4	6 264	10	0 0	0	0	0	2 • 57 3 • 78	- 2.1	7 1.0	70	2	•0	0 0 0	4		1 1 1 1 3 1 1 1
HOLTWOOD LANCASTER 2NE PUMP STA	80 • 9 82 • 4	63.7 59.7	72.3 71.1	- 3.4 - 1.5	8	7 23+	5	7 26			C	0		2 . 86	- 2.0		80	2   1   2	•0	000	1	7	1 1
LANDISVILLE 2 NW LEBANON 4 WNW	80.2	56.7 57.7 65.9	68.5 69.2 74.8	- 2•	86	7 8	4	9 284	1:	3 0	C	0	0	3.94		5 1.	59 2 80		•0	000000000	- 6	5	3 1 3 1
MARCUS HOOK MORGANTOWN MT GRETNA 2 SE	83.7 79.6 80.0	57.2 56.0	68.4		8 9	23	4	5 25 2 24	3	2 0		0	0	4.37		2.	99	1	•0	0 0	1	в .	2 1
NORRISTOWN PHIL OREXEL INST OF TEC	83.8	61.4	72.6 73.6		9:	23	5	3 25	1 (	0 1		0	0	4.39		8 1.	39	2   1   1	•0	0			3 2
PHILAGELPHIA WB AP R PHOENIXVILLE 1 E	83.0	58.2	71.2 70.6 69.1	- 2 · · · · · · · · · · · · · · · · · ·	5 8	9 18	4 4	5 26-	+ 1		) (	0	0	2 • 63	- 2.3	5 1.	21	1 2	•0	0		4	1 1 2 1 1 0
QUAKERTOWN 1 E READING W8 CITY R WEST CHESTER	81.7 81.5 83.7	56.5 62.1 57.1	71.8	- 3. - 3.	0 8	9 23	5 4	2 26· 5 19	+	1 0	2 0	0	0	1.74 3.68	- 1.4	5 1.	11 2		•0	000		7	1 0 3 1 2 1
WEST GROVE 1 SE	81.4	60.3	70.9		. 8	B 10+	- 5	0 27	+	4 (		0	0	3.2			10 2	١	.0				
OIVISION LOWER SUSQUEHANNA			70.6	- 3.	1																		
ARENOTSVILLE	82.5		70.2	- 2.		9 18+		7 15		0 0		0						4	.0	0			2 0
BLOSERVILLE 1 N CARLISLE	80 • 8 84 • 0 81 • 7	56.2	69.6 70.1 69.1	- 3. - 3.		0 234	+ 4	9 15 3 25 3 25		8	2 1		0	1.90	0 - 2.1	.5	39 2	0+	•0	0		7	0 0
CHAMBERSBURG 1 ESE GETTYSBURG HANOVER	82.4	59.7	71.1	- 2.	7 8	9 23	4	9 26 8 26		7 (		0 0	0	3.14	7 - 1.7	17	49 2	0+	•0	0 0 0		6	3 0 0 0 1 1
HARRISBURG WB AP R	81.3	58.8	70.1 70.6	- 3.	9	2 184	+ 4	7 26	1	1 .	4		0	2.1	5 - 1.4	.1		2	000	0		5	1 0 3 1
SHIPPENSBURG YORK 3 SSW PUMP STA	82.3		70.4	- 2.		8 22		6 25				0 0			6 - 2.0	9 .		4	•0	0		6	2 0
DIVISION			70.3	- 3.	1									2.6	2 - 1.5	54			•0				
MIDOLE SUSQUEHANNA			40		0	8 23	,	5 19	1	7	0	0 0		2.4	4		85 1	.7	•0	0		7	1 0
BERWICK ENGLISH CENTER LEWISTOWN	80 • 9 79 • 4 82 • 6	46.1N	68.6 4 62.81 69.3	М	8	7 25	+ 3	37 27 +6 27	+ 1	9	0	0 0		1.9	3			2	•0	0 0 0		4 7	2 0
MILLVILLE 2 SW NEWPORT	79.2	2M 52.11				5 24	+ 4	+3 26 +5 26						2.0				4	.0	0		8	2 0

#### CLIMATOLOGICAL DATA

PENNSYLVANIA AUGUST 1963

CC	M(	ſΊN	IUI	D

CONTINUED													-										
				Tem	perat	ure							-				Preci	pitation					
										N	o, of (	Doys						Sno	w, Sleet		No	o. of I	Doys
Station	Ę	98		Vormal					Days	Ма	X	Min	-		Normal	1 Day			epth ond		More	More	More
	erage	nimu	erog	8 8	ghest	910	west	910	Degree	. 6 .	3 3 3	1 1	3	Totol	Prod #	eate	e te	Total	Max. De	o le	8	50 or 1	8
	Ave	Ą X	₹	D.	Î	Dat	Į.	Dat	å	_	-	, 10 °	_		9 7	Ğ	å			8		-	
SUNBURY TOWER CITY 2 E WILLIAMSPORT WB AP	82.5 78.0 80.4	54.4 52.2 56.1	68.5 65.1 68.3	- 3.3	89 85 88	24+ 24+ 23+	43 40 47		32 63 19	0	0 0 0	0 0 0	0 0	2.54 2.77 2.28	- 1.32 - 1.34	.87 1.25 1.26		•0	000		6 6 5	2	0 1 1
OIVISION			67.3	- 4.3										2.40	- 1.48			-0					
UPPER SUSQUEHANNA																							
AUSTINBURG 2 W CANTON 1 NW OIXON EAGLES MERE LAWRENCEVILLE 2 S MONTROSE TOWANOA 1 ESE WELLSBORO 3 S	75.8M 75.0 79.4M 71.5M 77.7 74.0 78.6 75.0	48.9M 51.5 51.4M 52.7M 53.0 50.0 53.4 51.0	62.4M 63.3 65.4M 62.1M 65.4 62.0 66.0 63.0	- 3·2 - 3·5	85 84 87 78 86 82 85 83	24+ 7 7 24+ 6 24 23+ 24+	36 42 41 43 41 42 42 41		107 81 51 101 51 107 40 88	0000000	0000000	00000000	0 0 0 0 0 0 0	2.54 2.45 2.32 2.60 2.32 2.90 1.77 1.87	- 1.63 - 1.56	.55 .63 1.01 1.38 .41 1.46 .74	18 18 9 18	•0 •0 •0 •0 •0	00000000		7 7 6 8 10 6 6 7	1 0 1 1	0 0 1 1 0 0 1
OIVISION			63.7	- 4.1										2.35	- 1.58			•0					
CENTRAL MOUNTAINS																							
BELLEFONTE 4 S OU BOIS 7 E EMPORIUM 1 N KARTHAUS LOCK HAVEN MAOERA PHILIPSBURG FAA AP RENOVO RIOGWAY STATE COLLEGE	79.6 74.9 73.8 79.7M 80.4 75.8 72.6 81.7 75.8 78.4	54.5 51.9 47.8 49.0M 51.2 47.8 50.2 53.2 49.0 56.2	67.1 63.4 60.8 64.4M 65.8 61.8 61.4 67.5 62.4 67.3	- 5.9 - 4.4 - 2.9	85 80 80 85 87 81 80 89 82 85	23+ 23+ 24+ 23+ 23+ 18 6 7+ 23	42 40 37 39 41 38 33 45 39 45	25 27+ 27+	38 82 134 63 38 105 123 32 92 33	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	2.59 3.89 2.74 2.47 3.18 2.13 3.10 2.67	- 1.42 - 1.05 40 86	.61 1.00 .65 .87 .98 .82 .72 .61	1 18 4 13 2 31+	.0 .0 .0 .0 .0 .0	0000000000		7 9 10 6 7 6 6 7 6	2 1 2 3 1 1 2	0 1 0 0 0 0 0 0
OIVISION			64.2	- 3.6							İ			2.77	- 1.00			•0					
SOUTH CENTRAL MOUNTAINS																							
ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW JOHNSTOWN KEGG MARTINSBURG FAA AP	78.5 82.3 75.2 81.5 81.6 81.1 78.9	54.9 55.5 52.8 51.1 55.5 54.5	66.7 68.9 64.0 66.3 68.6 67.8	- 2.7 - 3.3 - 2.9	85 87 80 89 90 88 86	1 18 23+ 30+ 3 1 17	43 41 42 44 44 43		32 26 63 34 26 20 27	0 0 0 0 1 0	0 0 0 0 0 0	0000000	000000	2.07 1.32 2.15 2.20 3.89 1.78 1.56	- 1.65 - 1.94 21	.46 .36 .61 .69 1.50 .53		•0 •0 •0 •0	0000000		8 6 6 6 7 5 5	0 3 2 2 2 2	0 0 0 0 1 0
OIVISION			67.1	- 3.1										2•14	- 1.70			.0				Ì	
SOUTHWEST PLATEAU																							
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W BUTLER CLAYSVILLE 3 W CONFLUENCE 1 SW OAM OONEGAL OONORA FORO CITY 4 S OAM INOIANA 3 SE MARION CENTER 2 SE MONTGOMERY LOCK AND OAM NEW CASTLE 1 N NEWELL NEW STANTON PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM SALINA 3 W SLIPPERY ROCK STOYSTOWN UNIONTOWN WAYNESBURGI 1 E OIVISION	77.9 74.0 78.7 78.6M 81.4 78.9 74.8 82.1 78.8 80.0 75.8 80.0 84.7 78.9 80.4 77.5 79.1M 76.9 77.1	55.9 57.1 49.8 51.2M 52.3 51.0 56.8 52.5 54.8 57.6 53.8 57.6 53.8 77.6 60.8 52.5 51.6 52.5 51.6 52.5 51.6 52.5 51.6 52.5 51.6 52.5 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51	66.9 65.6 64.9 66.2 62.9 66.2 65.5 65.7 65.3 68.4 66.9 71.2 67.7 70.6 66.5 63.6 66.5 65.3 64.4 69.6	- 5.7 - 3.5 - 4.7 - 4.2 - 3.1 - 3.4 - 5.1	84 80 85 94 81 88 85 85 85 85 85 85 86 84 85 86 88 85 86 86 86 86 86 86 86 86 86 86 86 86 86	22 9+ 2+ 9+ 1 1 1 1 1 1 8 8 8+ 1 23+ 24 23+ 8 1 1 1 1	436 437 438 442 443 442 443 444 440 440	15 26 16+ 15 25+ 15 25+ 15 15 15 15 15 15 15 15 15 15 15 15 15	35 444 622 57 40 322 89 10 48 50 42 13 77 72 22 22 22 22 25 50 63 83	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000000000000000	000000000000000000000000000000000000000	3.53 2.664 1.79 2.72 1.13 3.12 2.70 1.00 1.09 1.99 3.07 3.59 2.20 2.68 2.31 1.83 2.69 3.27 1.85 2.29 3.27 2.20 2.31 1.83 2.59 2.20 2.31 1.83 2.59 2.20 2.31 2.31 2.31 2.31 2.31 2.31 2.31 2.31	74 - 2.60 - 2.90 .02 - 1.00 - 1.67 - 2.45 - 1.66	1.27 .56 .37 .45 .67 .98 .36 .60 .53 1.04 .84 .75 1.23 1.00 .55 .51 .68 .43 .1.23	13 1 4 1 4 30 3 3 3 18 4 14 7	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	000000000000000000000000000000000000000		5 8 8 3 9 6 4 7 8 7 6 0 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2 0 0 3 1 0 2 1 1 2 2 1 1 2 1 1 2 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 1
01/13104			00.0	7.0						_ 1							1						

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 23d at Bethlehem Lehigh University

Lowest Temperature: 32° on the 26+ at Coudersport 3 NW

Greatest Total Precipitation: 5,43 inches at Chadds Ford

Least Total Precipitation: 0.28 inch at Hyndman

Greatest One-Day Precipitation: 3.50 inches on the 2d at Graterford

													_	Day	of Mo	onth																_
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12			15	16	17	18			-	2 2	23	24		26	27	28	29 30	3	1
ACMETONIA LOCK 3 ALLENTOWN WB AP R ALLENTOWN GAS CO ALTOONA HORSESHOE CURVE ARENOTSVILLE	1.96 3.17 2.39 2.07 2.92	.01 .85 T	.44	т	.81 T .03 .34			*17 T	•15	Ť	•01		-14	T 1.57 .05 .25 T	.43 T .45 .03			.04	.21 .08 .15 .46	•30	.02 .29	.57	•03 T		.01 T	.03 .01 T				.19 .	15 20 31 •	.07
AUSTINBURG 2 W BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAR GAP	2.54 3.53 - 2.59 3.12	• 32 • 40 -	•04 _ 1•02	•08	1.27 T .18			•23 T	•16	т	•55 •02 •04 •13			•03 •07 •08 •11	.38 .03 .34 .23	•12	т	.89	.28 .06 .40 .84	.07	.14 .34 .28 .05				.18 .09 .06	.40 .02				.48 .10 T .08 -	01	.06
BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BERNE	3.25 1.47 1.73 2.59 2.40	•18	•45 •75 •12 •88	Т	1.84 .05 .07 .07			.27	•01		•02			T •02 T	•23 •50 •21 •61 •47			•55	.02		.05	.05 .03 .02 .17		•04 T	.02	•14 •01 •25				.16 T	10 22	
BERWICK BETHLEHEM BETHLEHEM LEHIGH UNIV BLAIRSVILLE 6 ENE BLOSERVILLE 1 N	2.44 1.62 1.91 2.64 2.46	•47 1•05 •56	•98	.16 .02 .01	•09 •55 •38			.02 T		•14	T •02		•02	.20 T .43	•21 •32 •14 •22			•85 •01	.06 T .04 .42	.02 .19 .04	•24 •03 T	.07		.10	•06	•02				·12	.02 .08 .11	.10
BOSWELL 1 SW 8RAOOOCK LOCK 2 BRAOFORO FAA AIRPORT 8RAOFORO CNTRL FIRE STA 8RAOFORO 4 W RES	2.75 2.86 3.72 2.79 3.13	•33	T T •01		.40 1.60 .22		T	.32 .23	•34 •24	•12	•30		•05	.05 1.38 .07 .74	.32 .16 .11 .69	•12	.07 .12 .07	.93	.08 T .53	.15	.21 .04 .03 .14	•01	.19	т	.32	•07			•10	.45 .19 T .27	13	.01 .
BREEZEWOOO BRUCETON 1 S BUFFALO MILLS BURGETTSTOWN 2 W BURNT CABINS 2 NE	1.16 2.20 1.86 1.79 1.32	•11 •16		• • • • • • • • • • • • • • • • • • • •	• •18 •16 •36	.46		.27 .05 .23	•48 •43 • 37		.01		.35	•40 •02 •04 T	•01 •12 •12	1		•	.10	.33	.02 .47 .35	.20 .07 .05			.21	•	. 48			•12	-	.10 · .06 · .16 ·
BUTLER CAMP KLINE CANTON 1 NW CARLISLE CARROLLTOWN 2 SSE	2.72 1.82 2.45 1.90 2.67		.51 .63	.01	• • • • • • • • • • • • • • • • • • •	.48		•09	+01		•06 •08 •42			•02 T	•53 •13 •32 •22				.63 .41 .10	.78	•12 •10 •24 •39 •05	.01 T .03	•11		•07	•10 •02 •06	*04 T			.10	.30	.10 . .07 . .08 .
CARTER CAMP 2 W CEOAR RUN CHAOOS FORO CHAMBERSBURG 1 ESE CHARLEROI LOCK 4	1.97 5.43 2.76	.45	.37 .27 1.53	•03	T •18 •81 •17			.08	•05		•12 •07 •07			•04	•22 •08 •87			.06	•36 •51	.46	.06 1.41 T	.04	•31	1.29	·01	•19 •36		-	-	-	•05	.13
CLARENCE CLARION 3 SW CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELO	3.39 3.94 2.18 1.13 3.11	•20 •24 •03	•29 •34 •36		.46 1.10 .03 .45			;10	•05		•11 •16			•13 •11 •04 •03 •04	.50 .39 1.06 .30				•92 •16 •26 •05		.10 .18 .26 .05	•02			•04 •02	•34 •76				.30 .38 .03 .09	.14	T .
CLERNOT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW OAM CONFLUENCE 1 NW CONNEAUTVILLE	3.32 2.37 3.12 2.74 2.30	•83 •05 •23	.22 .46 .02		•20 •55 •51			.18			.04	•30	. 59	.07 .19 .19	. 34	•02	.01		•50		.18 .77 .54 .45	.02 .10 .10 .02	т	.08	.47	T •05 •12 •01					•24 •07 •07	.06 . .16 . .03 .
CONNELLSVILLE CONSHOHOCKEN COOKSBURG CORAOPOLIS NEVILLE IS	1 • 75 2 • 95 3 • 1 0 2 • 45	.27	.02 1.09 .01	•	.26	.15		.14 .28	T	.0:			:17	.03	•35 •56 •54		.13		т	.97	.07 .89 .21	T T • 01	T .	•	• 71	٠	.5			•55 •17 •01 •22	-18	.10
CORRY  COUGERSPORT 3 NW COUGERSPORT 6 E COVINGTON 2 WSW CREEKSIGE	2 · 4 i 2 · 4 i 2 · 2 i 1 · 6 i	.32	•04	_	- 15			•19 •10	Ť	5	.04 .04 .23		T	•06 •03 T		T	.0:	5	.65 .53 .29 .43		.09 .10 .17 .06	•01			•16 •08 •10	•28				.40 .28 .19 T	•05	.09 .09 .04
CRESSON 2 SE  OANVILLE OEVAULT 1 W OIXON OONEGAL	2.70	1.98	.38 .85	. 98				.42	•4!		•22 •10			.27	.46 .11	Ť		•01	.93	.20	T •56 •01 •02 •03		•03	•02	T *10 *05				т	.09 .30 .11	.05 .17 .12	•05
OONORA OOYLESTOWN OU BOIS FAA AIRPORT OU BOIS 7 E OUSHORE 2 SSW	2 · 1 · 3 · 9 · 3 · 8 · 2 · 0 · 2	4 1.08 9 .29 9 .44	.18		T 9			•02		•1		7	•10 T	.34	•04			ř <sup>45</sup>		.24	.50	т		т	•47 •47 T	•07			т	.22 .58 .43 .15	.06 .12 .13	.04 T
EAGLES MERE  EAST BRAOY EBENSBURG EMPORIUM 1 N ENGLISM CENTER	3 · 7 · 2 · 1 · 2 · 7 ·	4 5 •61 4 •65	- 05	1 - 6	-15	.35	,		т т		•12 •12	2		.11 T	• 53 • 33	T .0:	2		.56	• <b>8</b> 0	.05 .16 .10	•02	•03		.18					.37 T .18 .09	.15 .15	•32
EPHRATA  EQUINUNK 2 ERIE W8 AIRPORT EVERETI I SW FARRELL SHARON	2.4	2 .15 0 T 6 .12	•58 T	T T	1.10	; •		.01	•2 l 3 •2	.0			۰0	3 1.00	• 25 • • 02 • 16	•0		1 •1	3 .0:	.02 .69	.04 .13	T .17		т	.91	-10	0		•04	.05 .18 .31	•12 •09 •26	.43
FORO CITY 4 S DAM  FRANKLIN GALETON GEIGERTOWN GEORGE SCHOOL	2.2 2.6 2.0 4.0 2.5	7 •49 0 •20 2	т		•3: •2:	7		-10 T	•0	7 6	-10			.02	•19 •15	3			.3!	5	.30 .13 .30 1.60	·22		.02	.19	9 .01	В			•11 •47	•12 •30 •57	.46 .23
GETTYSBURG  GLEN HAZEL Z NE OAM GLENMOORE GLENWILLARO OASH OAM GOULOSBORO	3.4 4.7 2.1 1.9	7 .68 4 5 .20	1.65	•0	2 .01	7		+01 T	·1 ·1 ·7	4	•0	8		.0: .14	• • • • • • • • • • • • • • • • • • •	T 7	2	4	•5.	2	.22 .78 .11 .03	.02 .08 .04	•02	•97			3 5 2			.45 .04 .13	.02 .18	•19 •01
GRATERFORO  GRATERFORO 1 E GREENSBORO LOCK 7 GREENVILLE HANOVER	3.7 2.0 2.4 2.3	8 9 5 • 05		0 •0	.9 .3	6		•0	7 •0	13 16 15 • 0			T	.1	0 • 34	l 7	.7	•3	.0	.08	.47	•03		• 05					T	•31 •11	.27 .05 .15 .26	T •02
HARRISBURG WB AP R HAWLEY HOLLISTERVILLE HOLTWOOD HONESOALE 4 NW	2.5 2.5 2.7 4.0 3.2	01 01 2 01	1.34 .97 1.84	7 4 8	•0	1		•0	•0 T •1	.6 T	7 •0	3 T	τ	.0	1 •0	9 T 6 +0	1	.0	1.2	1	.02 .02		,,,,	•23 T •71	7 •0	τ	2			•01 •05 •08	.24 .15 .08 .15	T
HONEY BROOK 1 W HOP BOTTOM 2 SE HUNTSOALE HYNOMAN INGIANA 3 SE	2.3	52 28 59 • 24	1.01 .45	I 7	•5	<b>8</b>		•1		26 •0	•0	12		T1	•0 •1 2 •0 •3	9 5 6 2	.7		•7	7	.59	.15		т	.4	•0	1			•10 •04 •02 •12 •06	.05 .65	.08
JAMESTOWN 2 NW  JERSEY SHORE JOHNSTOWN KANE 1 NNE KARTHAUS	2.6	99 •14 52 99 •8	.5: 3 .0: 2	3 T	1 T 1.5	0		•0	0 •0	03	•1	1 8		•0	6 .0 6 .3 3 .4	2 8 T		DB _	1.1 .1 .6	6 .0	.30	T •06		Ť	.0 .2 T	3 -2	4			.23 .40 .29 .32	• 02 T	.06
KARIHAUS KEGG KITTANNING LOCK 7 KRESGEVILLE 3 W LAKE MINISINK	2 · · · · · · · · · · · · · · · · · · ·	78 58 •4	6		•1	0		•5	3 0 T		•0			•0	2 .5	5			.8 .3	3	•13 •26 •14	01			т	•0	14			.10 .06 .04	.08	.25 .01

						Ι	A	IL.	Y I	PRE	EC	IP.	TI	A'	TIC	ON												PENN	SYLVAI	N1A
Continued	Ta							H				Day	of Mo	onth														AUG	731 1	903
Station	Total	1 2	3	4	5 6	7	8	9	10		12	13	-	15	16	17	18	19	20	21	22	23	24	25	26	27	28			31
LAKEVILLE 1 NNE LANCASTER 2ME PUMP STA LANO1SVILLE 2 NW LAMRENCEVILLE 2 S LEBANON 4 WNW	3.29 2.86 3.38 2.32 3.94	1.08 T 1.86 +22 .06	8	.27 .30		.06 .01	•1D •22	.41	·15	Т	•11	•34 •02 T	.03 .02 .32 .16	T	.02	. 3D	.02 .14 .02	.03	7 •27 •21 •17 •31	.37 .32		.20 .01 T	.1D	.03				.05 .31 .28	.16	T
LEMIGHTON LE ROY LEMIS RUN 3 SE LEMISTOWN LOCK HAVEN	2.02	T .93	4	•58 •16			•01		.39 .15 .01 .23			.03 .10	.42 .08 .98 .17				.08 .55 1.12		.33 .13	·02	.03	T	T .02	.D8 .56 .07				.14 .08 .21 T	.38	T
LONG POND 2 W LYNCH MADERA MAHAFFEY	3 • 1 8	.86 .10 .02 .37 .38 T .73	7	•06 •05 •98 •38		T T	•10 •50		.01 .12 -10			•08 •10	.34 .50 .65 .61	.10	Ť		.92 1.00 .59		.12 .25 .05 .05	T .03			.10	.03 .20 .20 .20				•15 •14 •35	.11	.08 .
MAPLE GLEN MAPLETON DEPOT MARCUS MOOBA MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS	1.64 3.91 1.99	•2	9	•23 •28 •18		.02 .01 .09	•01 •03 •02	•23 T	+02			•56 •02 •09	•20 •12 •01 •07				.30 T	.32	.20 .63 .04 .10	•02 •02 •02	•03		T T	.03				•22 •02 •10 •02	.32	.10 .
MC CONNELLSBURG MC KEESPORT MEAOVILLE 1 S MEO1X RUN MERCER 2 NNE	1.74 2.68 2.89 2.15	.1° 1 .62 T .52 .0°	9 T	.44 1.28 T .01		.46 T	*10 *16		T •06 •02		1	.02 .09 .03	•13 •09 •53 •26 •25	Ť +65		•10	.55 .19 1.05		.39 .25 .27 .15	•06			.58	.04 .04 .31				• 32 • 03 • 26 • 25	T	.22 . .08 . .19 .
MERCERSBURG MEYERSDALE 1 W MILANVILLE MILHEIM MILLYILLE 2 SW	2.15 2.82 2.35 2.69 2.08	.03 1.11 .51	0	•25 •24 •14 •17		•04 •15 •02 T	•06 •03 •03		*01 *08 *14			• 34 T	.28 .17 .10 1.08	•02 T			T •63 •49 •87		.38 .49 .02 T	.05	.71	+03	T T	•10 •17 •10				.23 .33 .07 .12	.08 .27 .16 T	.07 . .04 . .10 . T .
MILROY MONTGOMERY LOCK AND DAM MONTROSE MORGANTOWN MT GRETNA 2 SE	1.55 3.07 2.90 4.37 4.04		T	.13 1.04 .17 .78		.32 T .15	•08		*10 T *15			*04 T *25	•29 •02 •02	•04	T		.20 .23 1.46 T	•15 •32	.04 .25 .08 .53	.24	.61	• 05	.02 T T	•04			•12	*14 T *10 *13 *04	•04	.06 .
MYERSTOWN NATROMA LOCK 4 NESHAMINY FALLS NEW CASTLE 1 N NEWELL		.8 .27 .32 .40	5	.15 1.70 .03 .84	•02	.10 .02 .22 .25	•02 •05 •05		•02			.19 .11 .15	•02 •63 •35 •20	•02		Ť	•50 •74		.39 .03 .94 .24	•30	•12	+07	т	•07 •19 •05				•21 •09 •14	.30 .15	.25 .
NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN	2.69 2.77 2.68 3.44 2.51	•30 •6 1•20 •0 1•1	1.23	•68 •68 T	•6	4	•01		•09		•30	•49 T •30	.19 1.19 .39				.10 T	•12	.91 .11	.10 .09	.06 T	•20	.04 .02 .02 T	•02				•11 T •22 •22	.44	.22 .
NORTH EAST 2 SE ORWELL 2 NW PALM PALMERTON PARKER	3.11 2.29 2.21 3.29 2.33	•17 T •5 1•0		.26		ŢŢ	-14		•05 •16		т	.42 .19 1.13 .13	.08 .02 .40	T	•02	•10 •06 T	.02 .67	•36	.02 .13 .38 T	,10			.86 .06 T	-41				•22 •53 •17 •31	.01 .03 .30	.17 .
PAUPACK 2 WNW PHIL OREXEL INST OF TEC PHILAOELPHIA W8 AP PMILIPSBURG FAA AP PHOENIXVILLE 1 E	2.43 4.39 3.35 2.18 2.63	• 30	T •19	.23 .16		T •07 T •05		.01 .06 .12 .20			•01	.44 .36 .82 .29	•03 T			•42	1.18	•02 •42 •06 •40	.03 .95 .42 T	1.27	T •01		T T •17	•02				.01 .01 .01	-15 -02 -04 T	•
PIKES CREEK PITTSBURGH W8 AP 2 //R PITTSBURGH W8 CITY R PLEASANT MOUNT 1 W PORT CLINTON	3.49 2.31 1.83 3.05 3.80	.03 1.2 1.5	•57 •83 5 2		Т	.33	₹ •41	.36	•10				• 08 T • 01 • 25 1• 25	•02		.46 .32	.80 .12	•04	.01 .17 .09 .08	.04		.09	•01 •03				T	.40 .01 .02 .08 .26	.03 .10 .02	.04
POTTSVILLE PUTNEYVILLE 2 SE DAM QUAKERTOWN 1 E RAYMOND READING W8 CITY R	3.12 2.69 1.53 3.06 1.74	.28 .0 .6 .20 .3	1 4 3 •07	•12 •05 •01	Ť	•03	•11 •03 •02	•02	*01 T *08		•02	•17	1.20 .55 .28 .27	+02		т	1.00 1.02	•31	.20 .09 .27 .10	.09 .02 .08	•02	*04 T	•01 •01 •49	•13 •02				.04 .13 .33 .27	.23	.09 .
RENOVO REW RICES LANDING L 6 RIDGWAY RUSHVILLE	2.13 3.54 1.01 3.10 2.67	T .7 .28 .0 T .0 .49	3	.01 .08 .25 .04	Т	• 03	*12 •04		.17 .08 .24		•05	.02 .15 .06 .03	•19 •80 •25 •34 •02	•05 •02	.09 T	.03	.36 .97 .61		.08 .17 .12 .27	.01			.08 .30 .14	•29				.18 .30 .21 .07	T •15	.61 .
RUSSELL SAGAMORE 1 S SALIMA 3 W SAXTON SCHENLEY LOCK 5	3.27 2.96 1.86 2.53 3.24	.16 T .48 .1 .42 .0	T	.40 .55 .38 1.00		•02 •10 •17 •05 •10	•09 •35 T		*05 T *14				1.30 1.01 .03 .07 .33	Т	.07	•05	.28 .20 .39 T		.21 .10 .11 .44	T •48	•15		•54 •13 T	.01 .04				•27 •14 •09 •18	•10 •12	.04 . .08 . .02 . .15 .
SCRANTON W8 AIRPORT SCHANDIN W8 AIRPORT SHANDKIN SHIPPENSBURG SINNEMAHONING	2.42 2.04 2.14 3.26 1.73	.20 T .5	•02	•56 •02	•12	T •03		•10	-11 T	T		*01 T *13 *03	•12 •23 •41 •12 •17	ī		1+12	1.07 .10 .08 .22	•72	.02 T .08 1.08	•01	.03		.06 T .02	+24	.07		T	.20 .05 .08	•15 •02 •01 •33 •01	•13 •
SLIPPERY ROCK SOMERSET FAIRVIEW ST SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE	2.29 5.13 2.93 2.46 2.67	.24 .25 .34 .34 .0		.43 .85 .48 .88		*08 *10 T	•17 •11 •08		•02				.51 .33 .35 .37 1.03	+03			•18 •02 •49	.01	.20 .52 .49 .47	.21	1.80		· 02				+02	•15 •57	•22	.09 . .17 . .30 . .02 . T .
STOYSTOWN STRAUSSTOWN STROUDSBURG STUMP CREEK SUNBURY	3.27 2.48 2.20 4.98 2.54	.31 .58 .0 .24 .7	12 T	.40 .11 .02 1.36 .14		.02 .03	•04	•28	•20 •06	τ		.04 .01 .08	.25 .28 T .76 .87				.04 .53 .62 .70		.63 .39 .60 .07	.05 .36			.01 .03	•34				•41 •01 •05 •51 •10	•04 •41 T	.41 .
SUSQUEMANNA TANAQUA TANAQUA TIONESTA 2 SE OAM TITUSVILLE WATER WORKS	3.24 2.81 1.83 2.88 2.58	.39 .02	12	•07 •31	Т	•08	•52 •02 •15	•03	•05		•08 T •02	.02 .47	•64 •42 •75	•01	• 05	•20	.93 .31 .28 .55	.10	*10 *12 *05 *20 *10	т			.02 .16 .55	.03 .05 .34		.03	• 05	• 06 • 26 • 04	•17 •17 •05	.27 . .06 . .14 . .17 .
TOBYMANNA TORPEOO 4 W TOWANDA 1 ESE TOWER CITY 2 E TROY	1.25 3.0 1.77 2.77 2.00	•57 •28 •1	32	*10 *10	т	Т	•23		• 07 • 07 • 35 • 03 • 23	•01	•03 T •02	+01	•03 1•25 •05	T T • 03	•04 T		.04 .80 .74 .18	•01	.25 .15 .15 .24	.01 .01		• 02	.02 .35 .03	.38 .07 .02				.08 .06 .13 .02 .13	•11 •15 •10	
TURTLEPOINT 4 NE TYRONE 4 NE BALO EAGLE UNION CITY FILT PLANT UNIONTOWN VANDERGRIFT	2.60 2.71 2.47 1.55 2.55	.06 .08 .42	•01 •02		т	1 •19 •07			•12 T •03			.04 .16 .24 .31	.45 .74 .94	T ■ 02	.02		.68 .40 .21	T	•11 •02 •08 •16 •06			•01	•18 •56 T	.05				.20 .18 .20 .34		.07 .
VIRGINVILLE WARREN WATSONTOWN WAYNESBURG 1 E WELLSBORO 3 S	2.34 3.33 2.32 2.25 1.87	.41 T .27 .03	74 T T	1.23		•03	+01 +05	.15 T	*12 T *19	T T	T •0 <sup>±</sup>	•11 •12 •14 •02	• 34 • 06	•06	• 08	•72	•01 •70 •43		.42 .19 .01 .10	.04			.34 .26	T -13				.15 .22 .31 .15	*21 T *11	.05 · T · .
WEST CHESTER WEST GROVE 1 SE WEST HICKORY	3.68 2.53 3.11	.38	89 05	•19 •21 •02			T • 02	Т	•02				•92 •92 •80	•02	•02		•75		1.11	•10 •05	.01	•24 •17	•12	•08	Ť			·10	•15	.20

PENNSYLVANIA AUGUST 1963

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	la]													Day	of N	Month																
Station	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WHITESBURG WILLES ARRE WILLES ANGSURG WILLIAMSPORT WE AP WOLFSBURG YORK 3 SSW PUMP STA YORK HAVEN ZION GROVE ZIONSVILLE 3 SE	1.84 2.37 1.94 2.28 2.26 2.66 3.56 2.44 1.84	•30 •04 •61	1.23 .61	Т	•12 •12 •55 •71 •48	:		.08 .06 .12	•03	•12 • T	•06		т	•07	• 55 • 06 • 33 T • 20 • 02 • 15 • 40 • 34	T T T T T T T T T T T T T T T T T T T		1.26	.66 .79 .03 .03	+04	.48	.35 .01 .33 1.54	•05	ĭ	•17 •01 T				•04	.17		·11 · · ·29 · · ·10 · · · · · · · · · · · · · · · ·

													71.1				OIL.	-	-					-							NO 3C	J5 T 1	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13		15	Of Mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALLENTOWN WB AP	MAX	82	84	84	85	84	85	83	86	87	83	84	84	76	73	76	80	81	76	76	81	84	83	88	76	77	77	80	80	72			80.9
ALLENTOWN GAS CO	MAX MIN	65 86 62	63 83 64	64 85 64	67 85 68	62 85 63	56 84 56	61 85 61	60 85 61	60 82 60	61 88 64	55 83 55	56 85 57	64 84 63	55 78 62	51 74 52	54 77 54	59 83 60	54 83 63	48 75 49	63 78 55	65 83 66	65 85 66	64 85 66	55 88 68	48 77 48	49 77 49	52 78 52	50 80 51	62 83 57	62 73 64	59 84 60	58.4 82.0 59.4
ALTOONA HORSESHOE CURVE	MAX	85 59	81 58	82	80	79 52	81	75 61	82	83	79 57	80 53	82	78 58	69	73 45	77 51	83 51	76 52	74 45	75 58	<b>7</b> 9 56	83 59	83	74	71 43	76 43	80	81	81	79 59	72 55	78.5 54.9
ARENOTSVILLE	MAX	86 63	89	86	82	85 56	83 56	84	<b>7</b> 5	85 59	88	80 55	86	89 63	81	75	80 51	82 55	89	76 50	79 56	86 62	83	88	87	79 51	7 4 48	77 52	81	83 58	78 60	83	82.5 57.9
AUSTINBURG 2 w	MAX M1N	80 54	79 57	80 56	80 62	76 55	85	78 44	78 55	82 50	80 47	75 44	76 49	78 55	72 50	66	72 52	73 44	61 50	69 39	70 45	72 49	83 51		85 50	69 38	71 36	75 41	73 43	78 47	79 54	78 52	75.8 48.9
BAKERSTOWN 3 WNW	MAX	83	81 56	82	81	77 56	83	77	83 61	82	77 56	<b>78</b> 52	81	79 65	73 55	63	76 47	79 50	69 53	71 51	69 57	81 53	84 59	83	78 49	71 43	75 52	78 57	82	81 66	82 61	76 57	77.9 55.9
BEAR CREEK OAM	MAX	79 56	7 <b>5</b>	78 53	77 63	78 58	77 47	80	76 54	79 50	80 56	73 44	76 45	77 57	71 53	65 43	69	73 49	77 54	67 36	69 50	75 55	80 54	83	81 62	69	69 39	71 41	74 41	75 53	65 58	75 49	74.6 50.9
BELLEFONTE 4 S	MAX	83 58	83 61	83 60	79 64	81 57	81	85 62	75 62	85 56	83 56	81 50	80 55	82 59	80 56	72 50	72 50	78 52	82 55	75 45	72 48	78 58	82 60	85 57	84 61	76 42	73 43	75 45	78 48	81 53	82 60	81	79.6 54.5
BERWICK	MAX	83	83 62	83	83	83 59	85 51	78 63	85 60	87 58	80	84 51	83 53	78 64	74 53	76 48	79 49	86 57	74 52	76 45	80 63	85 63	87	88	77 53	76 50	78 46	80 48	84 50	75 63	82 63	75 54	80.9
BETHLEHEM LEHIGH UNIV	MAX MIN	86 67	90 68	92 65	88 64	91 62	93 63	90 66	91 64	92 63	88	89 58	90 61	79 70	75 64	83 56	87 61	88 65	80 64	82 51	88 66	94 69	91 70	95 70	80 62	80 52	84 52	86 55	87 54	76 65	8 8 6 8	84 65	86.7 62.8
BLAIRSVILLE 6 ENE	MAX	80 62	76 57	76 66	76 63	73 52	79 54	69 59	79 63	80 63	74 57	77 57	77 59	73 61	62 51	69 46	74 50	75 57	66 51	72 54	70 57	77 58	78 62	78 59	65 62	70 46	72 50	76 54	79 58	78 65	76 60	69 56	74.0 57.1
BLOSERVILLE 1 N	MAX	85 65	86 63	85 63	81 65	83 51	81 55	85 64	71 62	85 59	86 61	81 57	82 56	86 57	80 60	72 49	78 52	8 2 5 7	86 62	75 52	74 59	80 62	82 66	8 8 6 2	87 62	75 50	76 52	78 53	80 54	81 59	72 62	83 57	80.8 58.3
BRAOFORO FAA AIRPORT	MAX MIN	74 56	74 55	75 58	71	72 50	79 46	73 58	<b>7</b> 7	74 46	71 45	73 46	74 50	69 55	60 47	67 43	70 52	65 51	66 48	63	70 55	78 49	77 51	76 53	65 42	67 36	69 38	71 42	72 44	73 57	71 55	63	70.9 49.1
BRAOFORO 4 W RES	MAX MIN	78 53	76 53	77 54	77 59	74 48	80 43	78 56	78 55	77 48	73 45	73 44	75 49	71 57	66 51	68 42	72 51	71 47	68 47	66 42	71 55	79 50	80 52	79 53	78 60	68 39	70 36	72 41	75 43	73 61	73 57	70 50	73.7 49.7
BURGETTSTOWN 2 W	MAX	85	85 50	81 57	84 58	81 47	79 48	83	77 60	82 53	81 54	78 47	80	82 57	79 55	68	73 39	78 42	82 46	71 46	75 52	70 55	79 53	81 51	83 58	70 47	74 43	77 42	79 45	80 52	82 52	80 46	78.7 49.8
BURNT CABINS 2 NE	MAX MIN	85	86 58	85 61	81	83 52	84	84	84 57	85 54	86 58	82 62	85 49	86	80 59	77 44	80 45	86 59	87 60	75 45	80 62	80 64	86 63	85 56	85 61	75 42	75 41	80 46	84	80 62	80 58	8 1 5 3	82 · 3 55 · 5
BUTLER	MAX	85 54	85 54	83 62		83 45	79 51	84 58	72 60	85 52	84 53		80 52	82 58	71 54	63 41	74	76 47		76 46	69 50	70 49	81 50	84 53	84 55		74 42	78 44	81 49	80 54	80 55	78 51	78.6 51.2
CANTON 1 NW	MAX	77 63	78 55	79 56	78 55	77 53	76 50	84 53	78 60	80 55	80 53	72 50	77 54	79 56	76 53	65 46	71 47	74 51	76 50	66 43	61	70 51	80 53	82 57	82 50	69 45	68 42	70 43	74 49	77 54	72 57	77 50	75.0 51.5
CARLISLE	MAX MIN	87 64	88 59	81 61	86 64	84 56	87 52	82 59	87 58	8 9 5 7	83 58	87 52	87 53	83	77 59	82 47	83 47	90 59	84 58	84 47	84 62	85 61	89 65	90	83	77 43	78 45	81 50	84	77 58	84 60	8 0 5 9	84.0
CHAMBERSBURG 1 ESE	MAX MIN	88	86 61	81 63	84	83 54	84 52	72 62	85 55	87 57	83	85 53	85 52	79 63	76 60	78 46	81 49	8 8 5 6	78 60	79 48	84 61	83 61	88 67	87 60	75 60	75 43	78 44	80 50	82 52	79 62	82 59	78 56	81.7 56.4
CLARION 3 SW	MAX MIN	80 57	80 53	82 60	78 57	77 47	84 50	80 60	83 55	82 52	78 51	78 48	81 52	74 59	68 52	75 42	76 45	75 49	72 51	69 45	68 54	82 48	83 51	85 54	77 58	74 42	77 42	80 45	79 48	77 62	78 56	69 49	77.5 51.4
CLAYSVILLE 3 W	MAX	86	85 49	86 65	84	80 47	84 47	78 64	84	85 57	82 59	82 47	83 50	80 64	73 55	75 38	78 40	82	78 47	75 45	76 60	83 57	94 56	85 53	77 58	80 44	80 37	85 42	81 48	85 69	82 52	75 45	81.4 52.3
CLERMONT 4 NW	MAX MIN	78 52	78 52	78 48	74 58	75 42	82 38	80 58	82 54	78 45	74 44	76 40	78 48	72 56	65 46	62 37	74 46	68 40	68 45	70 40	75 54	78 48	80 50	80 48	75 58	66 36	68 36	70 36	72 40	75 60	74 55	72 48	74.1 47.0
COATESVILLE 1 SW	MAX M1N	87 62	82 63	84 61	86 66	86 59	83 54	85 58	79 61	85 59	89 61	83 53	86 53	79 56	80 64	73 51	78 50	84 53	86 59	76 47	76 55	83 65	85 67	85 65	89 62	80 50	76 47	76 47	80 51	80 55	75 64	84 62	81.9 57.4
CONFLUENCE 1 SW OAM	XAM MIM	86 54		81 55	82 64	80 51	76 53	80 55	72 61	81 61	82 60	80 51	79 52	83 54	75 56	67 45	73 47	77 51	82 51	73 47	82 50	75 60	82 62	81 58	83 58	75 49	77 42	78 44	81 48	82 52	80 58	78 55	78.9 53.5
CONNEAUTVILLE	MAX M1N	84	80 55	79 63	85 58	77 46	77 51	86 63	81 55	82 57	82 46	77 45	79 52	80 61	78 55	66 44	74 51	8 0 5 4	72 49	69 44	67 55	75 49	85 51	8 4 5 2	84 62	69 40	74 43	77 43	80 48	80 62	72 54	81 50	77.9 52.2
CORRY	MAX	79 60	78 57	81 59	78 59	75 48	82 48	80 60	80 52	79 48	76 45	76 45	76 51		70 51	71 41	75 52	71 56	68 42	67 45	73 55	82 49	82 51	82 59	75 60	71 39	73 40	76 43	77 46	70 62	76 57	70 50	75.5 51.2
COUGERSPORT 3 NW	MAX MIN	75 54		76 54	73 60	74 51	81 38	76 53	79 53	78 48	74 44	75 40	76 42	70 54	62 47	69 39	72 43	68 42	66 47	62 38	67 53	81 50	81 47	80 48	72 41	68 32	72 32	73 37	74 43	43	82 39	85 39	73.9 45.3
OEVAULT 1 W	MAX MIN	81		83	84 63	81 58	83 57	79 62	84 59	87 61	81 61	83 53	83 58	79 65	72 55	76 50	81 58	81 57	75 55	75 49	83 62	84 64	82 66	87 65	77 54	77 47	76 46	79 51	80 59	74 60	82 62	79 59	80.3 58.0
OIXON	MAX	83 52		83 57	81	81 61	81 49	87 50	83 59	84 53	83 54	78 47	81 48	80 52	77 56	73 42	77 42	76 49		43	73 43	73 58	84 57	8 <b>6</b> 5 7	85 61	73 46	73 41	73 42	78 45	80 46	75 59	79 56	79.4 51.4
OONEGAL	MAX	81 57		80 60	79 56	74 46	78 44	69 60	79 58	78 57	76 50	76 46	78 48	70 56	66 45	64 38	72 38	78 47	70 46	75 45	73 57	78 59	77 56	78 52	70 57	72 45	76 45	75 46	80 49	78 63	73 54	65 50	74.8 51.0
OONORA	MAX M1N	88		84 65	84	82 54	84 56	82 64	85 66	85 62	82 61	84 53	85 51	81 63	73 51	76 44	79 49	84 53	80 51	78 51	79 61	84 57	84 59	85 59	82 62	78 50	81 49	82 49	83 55	87 66	82 58	76 54	82 • 1 56 • 8
OU BOIS FAA AIRPORT	MAX	76		77 62	75 58	74 51	80 51	73 63	80 57	79 57	75 53	75 52	76 56	71 57	62 49	67 45	72 50	75 57	71 51	67 49	65 55	80 49	79 57	78 56	70 50	69 45	74 45	76 49	77 54	75 60	74 54	65 53	73.7 53.6
0V 8015 7 E	MAX			75 59	77	75 51	80 45	80 42	79 59	79 54	75 54	75 47	77 49	75 56	67 51	69 45	72 44	76 51	71 50	68 44	65 57	78 53	79 56	80 53	78 60	69 40	70 40	74 44	78 54	78 63	75 56	72 52	74.9 51.9
EAGLES MERE	MAX M1N		73	75		75 52	74 54	78 55	75 60	77 60	78 51	62 51	75 52		71 50	64 43		71 50	76 50	63 48	65 48	66 56	77 57	78 61	78 62	66 46	65 47	67 50	6.8 5.5	73 54	65 57	72 53	71.5 52.7
EAST BRACY	MAX M1N	85	84	87	85 60	87 50	86 52	87 50	86	87	87	90 58	85	86	75 48	80 50	76	72 54	77	74	78 60	84 42	85 60	86	85 63	75 48	80 46	80 49	83 53	81 66	80 57	73 53	82 • 1 54 • 5
EBENSBURG	XAM	80	78	80	76	75 52	79 46	74	74	79	75 57		78	72	65 50	69 45	73	79 50	75	73 45	74 57	75	80 59	80 59	73 60	68 42	72 43	76 43	78 49	78 63	77 58	68 52	75.2 52.8
EMPORIUM 1 N	MAX		77	79	76	75 50	75 45	80		79	78	74 45	76 46		71 51	62	68 45	72 44		67 41	65 42	68 54	78 54	71 55	80 55	70 37	68 37	70 38	73 41	77 44	75 56	76 52	73.8 47.8
ENGLISH CENTER	MAX					83 47	81	87	79	86	85	80	81	83	75 56	71	75		83 43	63	71	70 58	85	87 52		87 38	74	78	80	82	79 59		79.4 46.1
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Station																	Of Mo			10	00	01	00	00	04	25	00	27	28	29	30	31	Average
EPHRATA	MAX	85	86	84	85	84	86	77	8 85	86	10	85	84	80	77	80	83	85	79	76	20	85	85	89	79	79	78	81	82	78	84	82	82.5
ERIE W8 AIRPORT	MIN	70 76	63	64	67	60	58	62	60 79	63	63	58	58 75	68	61	52 73	53	62 73	64	51 70	63 71	77	68 82	65 80	65 72	49 68	52 71	73	56 78	63 69	65 76	60	74.8
EVERETT 1 SW	MIN	65 85	62	68	66	61	61	63	60	59 83	55 82	55 78	59	58	58	55 73	55 76	58	53 78	52 77	58 72	57 86	60 89	65 83	73	52 84	53 79	50 88	57 86	64 88	62 89	59 85	58.5 81.5
FARRELL SHARON	MIN	51 85	55	60	57 81	47 83	49	50	56 85	57	50 88	48 82	49 82	50	54 75	48 78	48 83	51 78	80	46 74	50 76	52 92	56 88	64 86	80	45 75	44 78	48 81	54 81	49 76	56 80	78	51.1 81.5
FORO CITY 4 S OAM	MIN	69	63	71	57	54	58 79	62 83	62 75	58 83	56 83	56 78	61 80	68	60 79	48 69	52 73	60 77	54 82	53 71	60 73	70	58 81	62 83	82	46 74	49 74	50 77	55 80	71 81	58 81	56 80	58.4 78.8
FRANKLIN	MIN	51	58	62 82	66 83	51 78	51 78	53	62 80	59 84	56 83	50 80	51 79	55 82	55 78	74	43	48 78	52 74	48 72	48 72	70	54 83	56 85	58	80	74	76	47 79	54 78	57 78	79	52.5 78.9
GEORGE SCHOOL	MIN	51 85	57 85	57 85	86	52 86	50 84	54 86	60 83	55 86	53 89	53 85	52 84	54 85	62 77	54 74	46 79	83	5 O 8 3	52 79	48 79	58 85	52 85	54 84	58	63 81	47 76	79	47 81	52 81	64 76	85	53.5 82.6
GETTYSBURG	MIN	62 87	60 88	62 86	68 81	62 85	55 83	58 87	60 77	52 85	59 88	58 81	52 86	60 86	60 81	49 75	50 78	53 82	60 87	46 76	54 79	65 84	68 85	89	65 88	48 77	46 74	78	49 81	53 80	63 77	82	57.0 82.4
GRATERFORO 1 E	MIN	66 88	63 83	64 83	69 85	62 84	56 83	64 85	59 81	59 85	88	56 82	55 84	83	63 79	53 74	51 77	82	62 83	76	63 77	82	66 84	81	88	50 78	49 76	76	52 80	81	62 72	84	59.7
GREENVILLE	M1N MAX	55 84	62 84	62 85	65 81	62 83	55 86	56 83	59 86	59 84	59 83	52 82	53 84	54 80	66 71	49 75	51 77	53 74	73	70	74	83	67 85	63 84	82	77	80	82	83	50 76	80	80	80.4
HANOVER	MIN	64	55	66 87	59 87	48 85	53 85	61	59 73	51 86	50 88	49 84	54 86	64 87	56 80	76	48 79	53 83	53 87	79	57 77	49 84	52 84	56 89	63 88	43 78	46 79	80	5 2 8 2	60 83	54 78	84	53.6 83.3
HARRISBURG W8 AP	MIN	61	61 86	62 82	63	5 9 8 3	56 84	57 74	60 84	61 86	61 80	54 84	57 84	60 82	60 74	50 78	53	54 87	63 74	52 78	56 81	83	65 87	63 88	75	52 77	48 77	49 81	56 83	58 74	62 84	59 80	58.1
HAWLEY	MIN	66	63	64	68	59 79	55 76	62 81	61 83	61 81	60 82	55 76	55 79	65 77	56 73	51 67	50 73	65 74	53 79	70	64 73	64 76	69 82	65 85	58 85	48 76	47 73	52 73	76	63 79	61 70	77	58.8 77.1
HOLTWOOO	MIN	51	57 85	56 84	57 85	61 82	50 85	51 75	57 83	53	53 81	47 86	47 86	50 81	58 75	46 79	46 81	48 83	50 75	75	42 83	57 81	56 84	56 87	79	43 75	41 78	41 81	79	45 75	60 81	78	50.9 80.9
INOIANA 3 SE	MIN	69	67 82	67	70	67	63	66	66 82	65 81	66 79	61 79	80	70	65 68	59 72	58	63 81	62 71	55 75	67 74	67 81	70 82	68 82	63 75	55 75	55 77	56 80	58 81	66 82	67 79	71	63.7 78.0
JAMESTOWN 2 NW	MIN	58	53	62	65	47	47	61	63	55	59	49	50 80	59 83	54 78	68	43	47	49	70	45 69	58 73	57 81	54 84	59 84	70	72	45 74	51 77	67 78	56 74	54 79	52.9 77.7
JOHNSTOWN	MIN	56	55	58	62	47 85	52	59	59 77	54	50 83	80	46 85	61 85	55 81	70	46 78	53	54 75	46 68	54 69	50	51 85	56 85	60 87	86	84	43 83	50 86	56 81	52 87	51 86	52 • 0 81 • 6
KANE 1 NNE	MIN	48	49	71	68	58	50	51 76	62	59 81	62 79	60 75	53 75	59 78	52 70	61	47 69	51 71	59 70	69	52 67	63 70	63	57 81	81	46 67	49 69	71	75	60 77	61 77	55 75	55.5 74.4
KARTHAUS	MIN	53	52	53	58	41 81	49 80	52 85	77	49 84	46	42	41	51	50	41	45	45	49	38 73	42 73	50 72	82	47 85	53	34 75	34 73	36 76	78	46 82	58 80	48 80	46.3
KEGG	MIN	49	51	53	57	45	84	46 72	57 85	55 80	50 81	81	85	80	69	82	81	80	87	80	44 79	55 82	56 85	53 87	54 76	40 76	39 79	40 80	43 84	46 83	55 81	53 74	49.0 81.1
LANCASTER 2 NE PUMP STA	MIN	60	60	63	60	53	49	63	60 87	57	59	52 86	50	59	51 79	45 81	47 82	46 83	48	74	82	81	60 83	59	58 79	49 78	43 78	45 80	50 78	65 76	58 84	54 83	54.5 82.4
LANOISVILLE 2 NW	M1N MAX	67 85	64	63	67	63	65	60	62 74	60	64	54 79	54 82	66	63 81	53 71	51 75	51	65 85	48 73	64 75	65 83	69 83	84	86	50 75	74	48 76	51	65 81	65 74	59 82	59.7 80.2
LAWRENCEVILLE 2 S	MIN	66	62 82	62 78	66	58 77	52 86	58	61	58 79	60	51 79	50 81	63	62 73	47	46	58 76	64 71	68	55 71	63	66 85	63 85	62 77	46 72	42 74	44 78	80	58 79	64 80	58 74	56.7 77.7
LEBANON 4 WNW	MIN	57	54	56 85	60	57	46	58	61	56 86	51 82	48	47	62 79	56 74	45 77	78	46 81	51 85	43	57 76	55 82	55 83	57 83	60 86	73	41 74	42 75	48	61 79	61 71	81	53.0
LEWISTOWN	MIN	62	62	62	63	59	58	86	58 76	60	57	56 81	57	62 87	60	51 73	51 76	82	61	49	52 78	62	62	60	62 89	77	51	51 78	82	60 85	61 81	58	57.7 82.6
	MIN	56 79	63	62	65	64	54 82	54	64	59 87	58	55 82	54 83	56 83	60 77	52 73	75	49 79		76	48 73	63 75	65 83	60 87	60 86	46		46 75	50 81	51 82	63 76	60 82	56.0
LOCK HAVEN MAGERA	MIN	54	53	55	61	55 78	47	49	59	57	54 78	50	48	52	58	41	44	47	49	45	47	59	57	53	54	44		44	47			54	51.2 75.8
MARCUS HOOK	MIN	45	52	53	59	50 86	45 87	45		52 91			45	48		42 79		40		41		56 86	58	52 92		40	38				54 85	53	47.8 83.7
MARION CENTER 2 SE	MIN	82 69 81	86 67 79	72 80	88 73 78	66	65	70	67	69 78	69 78	62 78	66	74	64	58	63	65 78		59	68	71	72		62	56 71	57	58	63 79	66	70	68 70	65.9 75.8
MARTINSBURG FAA AP	MIN	62	55	62		50 78	51	61 70	61	55	56		53	62	57	43	47	52	50		59		58	57 83	60	73	46	52 77		65	55	52	54.8 78.9
MATAMORAS	MIN	62	60	66	62	56 81	53	63	59	57	58		53	80	51	72	47	55	53		60		61	58	54	82	44	46 80	55 82	65	59 81	54 82	55.7 81.5
	MIN	56	56			57 75	52 76	57	60	56	57	52	49	62	60 75	63	46	49 76	47	46	60		69 82	63 83		69		47 75	77	59 78		54 78	76.3
MEADVILLE 1 S	MIN	83 52	56	59	61	48	53	59	59	52 85	50	47	52	56 76	54	45 73	49	54 76	49	46	52		51	55		71	45	45	50			50 76	52.0 78.3
MERCER 2 NNE	MAX M1N	60	82 53	78 64	83 59	78 44	49	60	56	47	47	46	52	63	54	40	43	50	52	45	56		49	52	62	78	46	43	49	65	53	48	51.4
MERCERSBURG	MAX	63	92 62		69	87 56	85 52	64	60	88 56	89 62	81 52		63	82 60	48	49	54	61	47	59	63	64		65	45	46	47	51	60	59	56	
MILANVILLE	MAX	83 51	78 52	55	55	62	77 47	53		83 50		77 45 79	47	75 50	78 56 81		41	76 46 78	46	41	40	50	51		59	75	39	39 76	40	41		53	48.7
MILLVILLE 2 SW	MAX	50	82 59	59	60	80 58	50		61	84 55		49	49	0.0	51	45	48	51	56	43	43	59	56		59	45	43	44	47	45	60	54	52.1
MONTGOMERY LOCK AND OAM	MAX	63	83 58	65	-	80 53	54	61	64	84 59	60	53	56	64	57	48	50	52	50	51	58	57	84 59 80	59	62	50	50	49	54	67	58	54	56.7
MONTROSE	MAX	78 51	76 56	56	57	75 57	49			77 51	51		49	73 50		43	43	71 51	50	42	43	52	53	56	58	74	42	42	46	48	55	50	
MORGANTOWN	MAX	63	83 60			82 56	83 54	81 60		84 58	60	84 51	81 52	67	74 46			61					68			45				62			

	ntinued	DAILY TEMPERAT URES	
Day Ot Month		Day Of Month	

PENNSYLVANIA AUGUST 1963

Continued		П													1	Day (	Of Mo	nth							-							1	90
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MT GRETNA 2 SE	MAX MIN	84	84	82 67	82 69	82 56	84 51	74 56	85 57	89 65	80 56	83 59	82 60	78 57	74 55	76 45	76 48	75 55	74	75 45	80 65	83 63	86 59	75 53	74	75 47	80 53	79 45	82 61	04 62	84 6 I	76 51	80.0 56.0
NEW CASTLE 1 N	MAX MIN	85 63	82 56	83 66	83 61	80 50	84 54	84 60	05 62	84 53	80 53	80 50	81 55	79 63	76 56	75 45	79 47	80 51	74 50	74 47	74 57	81	84 53	84 56	8 I 6 2	75 42	7.8 45	80	80 50	78 65	79 54	78 50	80.0 53.8
NEWELL	MAX	91	88	87	89	83	85	88	80	87	86	86	85	88	83	73	79	83	87	77	82	82	89	8 8	87	77	83	87	89	85	88	85	84.7
	MIN	65	37	68	66	54	54	64	63	63	65	53	55	66	59	46	48	50	55	50	63	59	59	5 7	62	53	48	49	55	68	58	54	57.6
NEWPORT	MAX	88 55	84 63	90 63	81 64	87 63	87 53	90 54	75 60	90 60	89 60	84 55	88 54	87 56	83 60	76 51	81 49	85 50	88 59	79 48	78 49	80 65	85 65	85 60	90	76 45	78 45	82 46	82 50	85 52	74 61	86 58	83.6 55.9
NEW STANTON	MAX MIN	87 49	85 51	81	83 58	80 50	84 50	85 60	85 62	8 I 5 7	80 50	82 38	81 50	71 41	87 52	81 47	84 54	76 52	75 50	80 49	78 59	84 57	86 58	87 56	82 60	78 50	80 48	83 52	84 5 I	87 52	84 52	73 53	81.7 52.5
NORRISTOWN	MAX MIN	85 65	85 64	88 67	87 69	86 63	87 59	84 61	87 63	91 64	85 67	87 5 <b>7</b>	87 58	81 69	76 61	80 52	84 56	85 62	79 60	78 52	84 66	88 68	86 71	91 68	81 59	80 51	79 51	81 53	83 54	75 64	85 67	84 63	83.8
PALMERTON	MAX	78	82	81	82	81	84	80	83	84	78	81	81	74	70	75	77	82	72	75	80	83	8 2	86	73	74	75	76	79	68	81	76	78.5
	MIN	64	60	61	69	58	54	60	61	55	61	52	53	63	57	48	50	55	52	46	63	64	6 3	65	52	46	46	48	48	62	62	58	56.6
PMIL DREXEL INST OF TEC	MAX	83	85	87	89	87	89	83	88	89	85	84	86	79	75	80	84	81	80	76	81	84	82	91	82	77	78	83	79	74	85	85	82.9
	MIN	67	65	71	69	65	65	67	65	66	67	64	64	70	62	58	60	64	69	57	64	68	71	68	61	53	56	57	60	64	68	65	64.2
PMILADELPHIA WB AP	MAX MIN	85 67	85 66	86 66	86 68	84 61	85 60	82 61	87 63	87 61	82 63	82 57	85 58	81 70	75 58	76 50	80 54	82 60	79 62	77 51	81 65	84 67	81 69	88 66	82 60	77 47	77 51	80 51	80 54	74 63	84 64	85 61	81.9
PMILIPSBURG FAA AP	MAX	76	77	74	75	73	80	70	78	77	72	74	74	71	65	66	7 2	76	67	66	70	76	79	78	70	67	68	71	75	75	74	66	72.6
	MIN	58	58	56	57	51	40	57	57	51	48	44	47	58	50	45	45	59	43	38	59	57	55	5 I	47	33	34	40	54	62	58	45	50.2
PHOEN: XVILLE 1 E	MAX	83	85	86	85	85	85	84	86	88	85	84	84	81	80	77	82	85	89	77	83	86	83	88	86	77	77	79	80	76	84	8 2	83.0
	MIN	65	60	61	67	62	59	57	59	58	65	55	60	66	63	48	50	57	66	45	45	66	69	63	64	47	45	47	51	63	64	5 7	58.2
PITTSBURGH WB AP 2	MAX	85	82	84	83	79	83	77	83	83	78	80	82	82	70	73	78	8 2	71	71	71	81	83	83	72	75	78	80	81	83	81	73	78.9
	MIN	63	59	68	61	55	55	62	63	60	60	55	60	59	51	44	49	5 2	51	53	60	55	58	59	57	50	50	52	54	65	57	54	56.5
PITTSBURGH WB CITY	MAX MIN	86 69	85 64	86 70	83 66	80 60	85 61	78 64	85 67	85 64	80 63	82 59	86 63	82 60	69 58	75 51	78 55	82 59	73 56	76 56	73 63	8 2 5 9	85 64	86 64	74 61	76 52	79 53	8 2 5 5	81 59	84 69	82 63	73 59	80.4
PLEASANT MOUNT 1 W	MAX	76	73	77	76	75	71	78	79	77	78	71	75	71	72	62	69	65	67	65	68	68	78	79	81	70	66	6 8	72	74	67	73	72.3
	MIN	51	57	53	57	57	48	55	55	46	52	42	47	52	52	45	47	46	49	37	44	52	53	52	56	43	37	40	41	45	57	50	49.0
PORT CLINTON	MAX	85	80	84	82	85	82	85	78	85	86	81	83	84	75	72	76	81	81	75	76	8 I	85	83	88	75	76	77	80	79	80	83	80.7
	MIN	55	51	55	60	58	45	52	55	51	55	44	46	52	56	42	43	48	56	39	47	5 7	58	57	58	40	38	40	42	43	44	51	49.6
PUTNEYVILLE 2 SE DAM	MAX	82	82	80	82	80	79	83	75	83	81	77	80	8 2	75	66	72	75	77	70	72	69	80	82	84	74	71	74	78	81	80	77	77.5
	M1N	49	38	60	62	48	47	52	59	38	52	48	49	5 4	53	41	43	49	52	46	49	52	52	54	58	40	41	44	47	54	56	51	49.6
QUAKERTOWN 1 E	MAX	84	82	83	83	82	84	84	83	86	84	82	82	80	75	75	80	84	82	78	82	82	83	88	8 8	76	76	79	83	80	82	8 1	81.7
	M1N	64	61	60	67	62	53	56	57	56	62	49	51	64	61	48	48	55	62	43	62	64	65	62	6 3	43	43	44	46	61	63	5 7	56.5
READING W8 CITY	MAX	82	85	84	86	84	86	79	86	88	82	84	85	79	74	77	82	83	77	76	82	86	85	8 9	77	77	77	79	81	71	83	80	81.5
	MIN	65	67	67	68	65	60	63	63	64	65	57	62	69	61	55	57	66	59	52	65	67	70	6 9	59	54	52	53	55	66	66	63	62.1
RENOVO	MAX	86	82	86	89	84	84	8 9	83	88	86	82	84	85	75	72	71	81	82	75	73	70	85	8 8	88	78	76	78	82	85	83	83	81.7
	M1N	54	56	56	61	57	51	5 3	63	60	54	52	50	51	51	46	46	51	51	47	47	60	59	5 8	59	47	45	45	49	51	62	58	53.2
RIDGWAY	MAX	81	80	80	79	77	76	81	75	77	78	77	78	79	74	64	70	75	74	72	68	70	81	82	8 I	70	71	73	77	78	77	76	75.8
	MIN	47	54	55	59	47	45	46	55	55	48	47	49	51	53	43	45	48	50	44	47	53	51	52	5 4	42	39	39	44	47	57	52	49.0
SALINA 3 W	MAX M1N	83 60	81 54	82 65	81 66	78 48	84 50	80 62	83 42	82 57	79 60	79 49	82 51	79 57	71 54	72 42		81 50	79 50	74 47	71 58	80 54	82 56	84 56	78 60	74 47	78 46	82 45	82 50	82 67	80 59	71 51	79.1 53.8
SCRANTON	MAX	85	81	83	82	83	80	85	87	85	86	76	82	83	79	69	72	79	81	72	76	79	88	88	88	73	74	76	80	81	73	81	80.2
	MIN	55	63	60	61	62	55	55	60	56	57	51	53	54	56	50	51	57	58	40	41	60	60	59	64	48	42	41	47	50	61	57	54.3
SCRANTON WB AIRPORT	MAX	79	80	81	81	80	82	83	82	84	76	81	81	79	70	75	76	83	71	74	76	82	84	84	74	73	74	78	80	71	78	71	78.2
	MIN	65	65	62	68	62	56	66	62	58	58	54	55	67	58	50	58	61	51	47	64	60	61	64	55	50	47	50	52	62	62	57	58.3
SMIPPENS8URG	MAX	86	84	80	85	84	85	83	85	85	85	85	86	85	80	74	81	86	83	75	81	82	88	87	82	76	79	81	82	76	8 I	8 0	82.3
	M1N	60	63	63	68	59	52	62	62	60	61	55	53	61	60	49	50	56	62	49	63	63	68	62	68	46	48	52	54	62	6 O	5 8	58.4
SLIPPERY ROCK	MAX	80	80	80	77	77	82	80	85	82	77	80	80	75	77	72	75	74	69	67	69	80	82	82	78	70	74	76	79	76	76	72	76.9
	MIN	64	59	67	62	55	41	45	45	54	56	51	59	63	54	34	51	52	53	51	51	48	56	58	63	47	49	50	55	66	53	54	53.7
STATE COLLEGE	MAX	83	83	82	80	80	79	84	75	83	82	78	80	8 I	76	67	71	78	83	71	72	76	82	85	84	74	70	73	78	80	81	8 0	78.4
	M1N	53	60	63	66	56	53	60	63	58	58	54	57	6 O	56	50	52	57	55	48	52	. 59	61	61	63	45	46	49	53	56	59	5 8	56.2
STOYSTOWN	MAX MIN		81 54	79 55	80 63	77 49	78 56	79 56	67 59	80 57	80 57	77 51	77 51	80 52	76 51	69 41	71 43	79 45	81 52	71 45	79 48	75 58	78 59	79 56	79 56	68 42	73 41	76 41	78 45	80 58	79 5 <b>7</b>	78 53	77.1 51.6
STROUDS8URG	MAX	77	82	81	84	80	85	81	84	87	80	83	80	75	66	74	78	83	75	77	82	82	86	8 8	75	75	77	78	82	68	80	80	79.5
	MIN	56	57	56	64	56	50	55	55	52	55	45	48	60	50	43	44	49	50	38	58	61	57	6 2	50	42	38	44	42	58	60	51	51.8
SUNBURY	MAX M1N	86 64	85 65	87 61	83 65	85 58	86 52	88 56	79 62	88 63	89 57	82 49	84 50	85 50	77 57	75 45	77 45	81 47	86 56	76 44	77 45	81	86 61	85 58	89 60	78 44	77 43	78 43	81 48	85 53	77 64	84 60	82.5 54.4
TIONESTA 2 SE DAM	MAX MIN	82 52	80 58	80 59	81 61	75 50	76 51	83 53	76 57	83 55	81 52	7 <b>7</b> 52	7 <b>7</b> 52	78 53	74 53	63 46	72 47	75 50	72 51	70 48	68 47	68 52	81 52	82 55	83 56	71 45	71 45	74 45	77 46	77 52	76 59	<b>7</b> 7	76.1 51.8
TITUSVILLE WATER WORKS	MAX	80	79	82	76	77	85	78	83	82	79	78	80	74	70	71	76	72	70	67	70	82	82	82	73	70	75	78	77	76	75	71	76.5
	MIN	57	54	60	60	43	46	45	54	65	48	45	52	59	52	41	45	47	46	42	55	45	53	58	61	41	39	41	45	63	53	47	50.4
TOSYMANNA	MAX	75	75	77	75	76	78	79	78	79	75	77	75	72	68	70	75	78	67	67	76	79	82	82	76	68	70	73	74	68	75	71	74.5
	MIN	56	57	52	56	58	47	52	52	48	53	43	43	58	50	40	44	54	51	37	56	51	53	53	59	44	59	40	40	54	58	48	50.5
TOWANDA 1 ESE	MAX MIN	81 57	81 59	81 57	80 67	79 60	85 49	84	83 61	83 51	74 54	80 47	79 48	77 60	72 55	79 45	75 51	81 50	80 54	71 42	71 58	81 55	83 55	85 56	80 60	71 42	74 42	77 45	80 45	76 61	79 59	74 51	78 • 6 53 • 4
TOWER CITY 1 S	MAX	82	82	82	80	81	80	82	73	83	85	78	81	82	70	70	74	78	84	71	73	80	82	82	85	72	73	75	72	78	67	80	78.0
	MIN	53	62	55	59	61	45	50	57	54	58	48	47	51	59	43	43	47	60	42	48	58	60	60	59	40	41	42	47	49	61	59	52.2
UNIONTOWN	MAX	86	84	83	83	81	81	80	80	83	80	81	83	80	71	75	77	8 2	80	80	78	82	82	83	80	76	78	81	8 2	81	81	77	80.4
	MIN	65	56	68	65	54	55	65	63	64	65	53	56	66	58	44	48	5 2	58	55	62	62	62	59	62	52	58	53	5 7	68	61	57	58.8
WARREN	MAX	82	80	81	77	78	85	79	82	82	76	79	80	73	65	73	75	68	70	69	74	82	83	83	75	72	77	75	78	76	79	67	76.6
	MIN	58	57	60	62	50	49	60	58	54	51	48	52	60	53	45	53	52	47	47	56	54	57	57	60	44	44	47	48	63	60	53	53.5
WAYNESBURG 1 E	MAX	86 53	87	83	85 62	83 50	80 50	83 53	74 61	8I 61	85		82 50	88 53	79 56	70 42	74 43	77 46	82 48	74 46	82 48	79 58	85 55	85 55	80 50	75 50	78 40	81 45	83 48	81 54	84 56	82 51	80.9 51.5
WELLSBORO 3 S	MAX M1N	78 49		78 55	76 60	77 55	76 50	83 52	76 59	81 56	80	73	76 51	79 54	71 50	65 43	72 46	74 53	73 47	68	64 46	68 54	80 55	82 56	83 57	68 41	69 41	72 42	<b>7</b> 5	76 54	76 54	78 53	75.0 51.0
WEST CMESTER	MAX M1N	89	82	87	88	87 57	86	89	81	89	91	87	89 56	87	78 58	75 51	80 54	84 52	83 54	80 45	79 60	82 65	87	81 57	91 65	84 46	78 49	77 51	81 53	83 55	74 60	85 57	83.7 57.1
													1													1							

Continued		_	-	_																													
																Day	Of M	onth															egi e
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
WEST GROVE 1 SE	MAX	85 66	81 64	85 65	88 67	87 60	84 57	85 62	79 61	85 62	88 66	82 57	85 57	85 65	80 64	74 53		80 58	83 62		74 57	81 65	83 65	84 68	86 68	78 51	78 50	75 50	77 55	79 59		81 62	81.4 60.3
WILLIAMSPORT W8 AP	MAX MIN	83 63	84 62	81 61	84 67	83 59	88 51	79 61	87 65	87 58	80 58	83 52	87 52	75 63	72 55	76 49		84 55	74 52		75 62	85 59	87 59	88 59	76 52	75 49	75 47	79 48	82 51	74 62	82 58		80.4 56.1
YORK 3 SSW PUMP STA	MAX	87 68	86 58	86 62	85 68	84 54	86 53	85 60	86 61	87 58	85 64	86 51	86 51	84 68	80 64	80 45		86 64	87 63	78 46	84 64	84 64	88 68	88 61	87 63	76 44	78 44	82 47	82 51	80 64			83.9 58.0
ZION GROVE	MAX	84 50	81 60	80 54	82 51	79 45	82 45	80 58	75 55	81 51	83 52		81 45	83 51	77 45	69 45	73 44	78 44	82 43	70 39	77 39	78 39	82 55	85 55	85 57		70 37	73 37	77 37	80 38	68 44	79 44	78.1 46.7

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numh	er of da	ys with	precipi	tation			ie u
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1 :00 AM EST	7 .00 AM EST	1:00 PM EST	7:00 PM EST	Trace	6010.	.10–.49	66'-05'	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
ALLENTOWN W8 AIRPORT	WNW	14	8.1	39++	NW	14	84	84	52	59	5	4	3	1	1	0	14	-	5.2
ERIE W8 AIRPORT	s	14	11.2	32++	NNW	13	76	80	61	65	3	8	3	1	1	0	16	-	5.9
HARRISBURG W8 AIRPORT	w	18	8,1	28	NW	14+	81	81	52	60	2	7	5 .	0	1	0	15	68	6.0
PHILAGELPHIA W8 AIRPORT	wsw	16	7.8	26	NW	14+	84	80	54	63	2	4	5	0	1	0	12	61	5.6
PITTSBURGH W8 AIRPORT	NW	12	7.1	46++	WNW	3	80	85	53	61	6	3	6	1	0	0	16	67	6.9
READING WB CITY	S‡	-	8.4	42	NE*	1	-	-	-	-	2	5	3	1	0	0	11	64	5.2
5CRANTON WB AIRPORT	5W	10	7.2	25	W	14	83	86	56	62	7	3	5	0	1	0	16	63	6.7
WILLIAMSPORT W8 AIRPORT	w	15	7.9	28++	W	17+	86	86	49	60	3	6	4	0	1	0	14	-	6.7

<sup>\*</sup> TO 8 COMPASS POINTS ONLY

#### EVAPORATION AND WIND

																I	Day of	f mon	th														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BEAR CREEK OAM	EVAP WINO MAX MIN	.22 38 84 57	.24 48 77 61	.22 55 78 59	.26 58 76 61	108	.26 70 78 59	.20 34 85 56	.12 37 77 60	.15 42 80 58	.22 53 82 58	.26 57 81 52	.25 50 80 54	.14 45 78 55	.05 99 73 55	.17 87 64 47	.19 50 75 48	.17 44 77 52	.29 99 77 56	.25 72 75 45	.12 64 70 46	.10 34 75 61	.19 30 86 59	.17 28 86 60	.19 40 85 64	.14 83 71 47	.21 60 74 47	.15 40 74 52	.17 33 76 50	.18 83 74 51	.03 45 63 57	.15 41 78 58	5 1 7 5
BELLEFONTE 4 5	EVAP WINO MAX MIN	.17 52 85 60	.51 76 83 61	.24 61 83 60	.11 90 76 60	.38 34 81 58	.29 55 82 54	.25 75 88 62	.09 51 73 64	.19 35 89 62	.21 52 83 61	.16 59 81 54	.30 29 87 58	.15 48 80 57	.13 124 78 57	.22 97 69 49	.20 74 76 50	.23 47 63 57	.25 72 80 57	.07 52 82 52	.13 30 79 53	.10 34 77 61	.14 28 87 64	.19 33 88 62	.21 71 85 62	.10 66 75 50	.14 92 80 50	.21 27 82 51	.16 32 84 52	.21 90 83 55	.16 77 85 62	.23 65 84 58	6 1 8 5
CONFLUENCE 1 5W 0AM	EVAP WINO	.21	.19	.17	.11		.16	.12	.06	.16	.17	.11 29	.16 24		.06 102	.13 62	.15 25	.15 40	.23 58	.19	.13 16	.03 17	.12	.15 25	.17 25	.03	.22 32		. 14 26	.23 29		.16 32	1
FORO CITY 4 5 OAM	EVAP WINO	.29	.26	.24	.27	.21	.19	.18	.06 16	.19	.19	.33	.13		.18 117	.16	.14	.16	.20 54	.17 28	.05 19	.04		-20 24	.15 30		.21		.17 19			.13 28	5
JAMESTOWN 2 NW	EVAP WINO	.22	.18		.11	.19	.20	.15	.10	.24	.10	.11	.28	.12	.10	.07	.13	.11	.07	.17	.04	.05		.14			.07			.06 28		.14 31	4
KANE 1 NNE	EVAP WINO MAX MIN	.27 20 88 55	.13 29 79 60	22 81	.06 31 79 61	.24 51 79 58		.21 16 78 57	.12	.08 10 83 54	.14 20 80 58	.19 15 89 56	.14 23 80 56	20 78	.03 40 68 55	.09 31 68 52	.12 21 72 51	14 79	.08 24 67 56	. 14 18 79 52	12	.08 6 71 57	10		.17 20 82 58	.14 19 74 50	.11 18 78 50	13 81	11	18 77	16 72	.08 20 78 58	3 9 5
LANOISVILLE 2 NW	EVAP WINO MAX MIN	.23 82 90 54	.44 47 95 57	.25 46 88 67	.15 38 83 67	.43 135 91 50	61 85	.23 22 91 63	.03 8 71 64	.20 31 89 65	.18 30 87 65	.28 34 91 62	.21 25 89 57	26 87	.08 73 80 60	.25 83 75 48	.20 28 85 50	.20 24 88 54	.24 46 85 64	. 24 53 84 52	.10 39 76 53	.13 23 90 64			.15 4 91 66	.10 33 75 49	.18 22 83 52	12 87	. 29 8 85 52	14 83	72	.16 31 85 62	6 1 8

MAX AND MIN IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

																							_	_					_			-	
																Day	of mo	nth															0 P
STATION AND DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELD RSCH LA8																															7.0	73	7/ /
8 INCHES	MAX MIN	80 76	78 75	78 75	79 76	80 75	82 76	80 78	81 74	79 75	78 71	78 72	77	76 72	72 68	72 66	73 68	71 68	70 66	69 66	71 66	67	75	76 72	69	66			69		68		74.6
LANDISVILLE 2 NW																																	
2 INCHES	8 AM	70	70	70	70	68	67	66	64	66	68	64	64	67	64	60	60	64	64	60	64	65	68	67	67	60	59	58	60	04	24	04	64.4
STATE COLLEGE 2																																	
2 INCHES	MAX MIN	-	78 65	75 66	77 66	77 62	83 61	75 68	84 67	80 66	83 65	78 63	79 64	73 67	71 61	72 57	76 60	77 62	78 64	73 60	75 65	82 66	81 68	80 66		76 58			76 61			72 64	77.2
4 INCHES	MAX MIN	-	76 67	74 67	75 69	74 64	78 64	74 69	78 68	77 68	79 67	75 65	75 65	73 68	69 63	70 59	73 61	74 63	75 65	70 62	73 65	78 66	78 68	77 68	72 68	72 60		74 62	73 63	75 67	75 67	71 66	74.4
8 INCHES	MAX MIN	-	74 70	73 70	73 70	71 67	73 66	72 70	74 69	74 69	74 70	73 68	73 68	71 69		68 63	70 64	70 65	71 67	68 65	70 66	73 67	74 69	73 69	71 69	70 64		70 64	70 66	72 67	72 68		71.5 67.2
12 INCHES	MAX MIN	-	72 71	72 71	71 70	70 68	70 68	70 70	71 69	71 70	71 70	71 70	70 69	70 69	69 67	67 65	67 65	68 66	68 67	68 66	68 67	70 68	7 <b>I</b> 69	71 69	70 69	69 67		68	68 67	69 67	69 68	69 68	67.3 65.8
16 INCHES	MAX MIN	=	72 71	71 70	71 70	70 69	-	-	70 69	71 70	70 69	70 69	70 69	70 69	69 68	67 66	67 66	68 66	68 67	68 67	67 66	68 67	69 68	70 69	69 69			68 67	68 67	68 67	68 67		69.0 68.0
20 INCHES	MAX	-	-	=	-	-	-	69 68	70 68	70 69	70 69	70 69	69 68	69 68	69 68	68 67	67 66	68 66	68	68 66	67 66		68 67	69	69 68	68			67 67		67 68		68.4

ERIE CO FIELD RSCH LAB - MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.
SLOPE OF GROUND: FLAT. SOIL TYPE: LAKE TERRACE CLASSIFIED AS CONOTTON GRAVELLY LOAM, GROUND COVER. RYEGRASS
AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

- SLOPE OF GROUND: GENTLE SLOPE TO THE WEST. SOIL TYPE: DUFFIELD CLAY LOAM. GROUND COVER: PERMANENT BLUEGRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION; WESTON ELECTRIC SOIL THERMOMETER. LANDISVILLE 2 NW

- MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.
SLOPE OF GROUND: GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE: HAGERSTOWN SILT LOAM. GROUND COVER: KENTUCKY BLUEGRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER. STATE COLLEGE 2

		NO.		AGE †	TUDE		DBSERV TIME TAB	ANI		OPCERVER	STATION	X NO.	COUNTY	AGE ‡	LATITUDE	TUDE	NOLLY	TI	ERVA ME A	ES		OBSERVER
	STATION	INDEX	COUNTY	DRAINAGE	LONGITUDE	ELEVATION		EVAP.	SPECIAL age motes	OBSERVER		INDEX		Ā		LONGITUD	ELEVATION		PRECIP.	SPECIAL		
	ACMETONIA LOCK 3 ALLENS MILLS ALLENTOWN WB AP ALLENTOWN GAS CO ALTONNA MORSESWOE CURVE ALVIN R BUSH OAM APPOLLO 2 W ARENOTSVILLE AUSTINBURG 2 W BAKERSTOWN 3 WNW	0099 0106 0111 0134 0147 0204 0229 0313	ALLEGMENY JEFFERSON LEHIGH LEHIGH BLAIR CLINTON WESTHORELANO AOAMS TIDGA ALLEGMENY	1 40 32 1 41 12 9 40 39 9 40 36 6 40 30 16 41 22 7 40 35 15 39 35 15 42 00 1 40 39	79 49 78 55 75 26 75 28 78 29 77 56 79 36 77 18 77 32 79 59	254 1500 930	7A 1D NID 7A 7A 6P 6P 8A 8A 8A 7A 7A 3P 3P	Š	C HJ	CORRS OF EMGINEERS CHARLES N. ALLEN U.S. WEATHER BUREAU LEMIGH VALLEY GAS OIV. ALTOONA WATER BUR. ALVIN R BUSH OAM EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO O. BACON PGH. CUT FLOWER CO.	LAKE MINISINK LAKEVILLE 1 MME LAMCASTER 2 NE PUMP ST. LAMCASTER 2 NE FILT PL LAMDISVILLE 2 NW LAUBELTON STATE VILLAGI LAMERLEVILLE 2 S LEBANDN 4 MMW LEBANDN 3 SW LEHIGHTON 3 SW LEHIGHTON	4763 4778 E4853 4873 4893 4896	WAYNE LANCASTER LANCASTER	3 41 5 41 15 41 15 41 15 41 15 41 15 41 9 41	27 0 03 0 03 0 07 0 54 1 59 0 21 0 19 0 50	75 03 79 18 76 17 76 17 76 26 77 13 77 07 76 29 76 28 75 43	1380 1440 255 270 360 875 1000 590 490 580	8P 8A 7A 6P 7A	7A 8A 8P 8A M1D 8P 7A 7A	BAC G	N L PR	MS. JARME FOREMAN MS. GLADYS REIMEKE ANCASTER WATER BUR- ANCASTER WATER BUR- A. STATE COLLEGE IA. DEPT. OF WELFARE IAMRY P. HOMAND EOM MILLER HOMAS DOMNACHIE DOOWIN S. DEFREMN
ļ	BARNES BEAR CREEK DAM BEAR GAP BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE & S BERNE BERNELCK BER	0455 0457 0475 0482 0488 0530 0599	WARREN LUZERNE NORTHUMBLANO BEAVER SNYOER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON	1 41 40 9 41 07 15 40 50 2 40 46 15 40 45 14 40 22 16 40 51 14 40 51 15 41 04 9 40 37	79 02 75 44 76 30 60 19 77 11 75 38 77 47 76 00 76 15 75 23	900 760 590 400 1110 325	7A 8A 3P 7A 7A 7A 8A 8A 7A 6P 6P	BA		CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS ROARING CREEK WATER CO. HDWARD R. KEMP GUY F. RITTER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYO W. TRUMP BERWICK IND DEV ASSO IN CITY OF BETHLEHEM	LE ROY LEWISTOWN LOCK HAVEN 1 LOCK HAVEN 1 LOCK HAVEN 2 LONG PONO 2 W LYNCH MADERA MANAFEY MAPLE GLEN	4984 4992 5104 5109 5160 5275 5336 5342	BRAOFORO MC KEAN MIFFLIN CLINTON CLIMTON MONROE FOREST CLEARFIELO CLEARFIELO MONTGONERY	15 4 1 4 6 4 18 4 16 4 9 4 16 4 16 4 16 4	0 35 1 08 1 08 1 03 1 36 0 50 0 53	76 43 78 39 77 55 77 27 77 27 75 30 79 03 78 26 78 44 75 11	1040 1740 480 680 630 1860 1295 1460 1280 380	7A 7A	8A 7A 7A 7A 7A 7A 7A 8A	K K	M	EAHON M. BAUMAN IUSSELL LINEMAN IMERICAN VISCOSE CO. JOHN P. FREY IUGUS F. PARKER IHONAS MECKES DORRS OF FROSINEERS ARS. JULIA J. SMOFF 4155 ELLEN J. MILES FRANCES E. SCMEIBNER
		0634 0725 0736 0743 0763 0821 0861	NORTHAMPTON PERRY 1NDIANA MONRDE CUMBERLAND SONERSET ALLEGHENY	9 40 36 15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 40 24 1 41 48 1 41 57 1 41 57	75 22 77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44	750 2048 1650 650 1810 725 2121 M	8P 8P 8A 8A 7A 7A 11D 8A 5P 5P		с с с н	LEHIGH UNIVERSITY PA. OFPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLOERS MRS. ESSIE M. WILLOERS CORPS OF ENGINEERS FEO. AVIATION AGENCY BRADFORO FIRE DEPT. BRADFORO WATER OFPT.	MAPLETON OEPOT MARCUS HOOK MARTENVILLE 1 SW MARION CENTER 2 SE MARTINSBURG FAA AP HATANORAS HC CONNELLSBURG MC KEESPORT MEAOOW RUN PONOS MEAOVILLE 1 5	5390 5400 5408 5454 5470 5526 5573 5601	MUNTINGOON DELAWARE FOREST INOIANA BLAIR PIKE FULTON ALLEGMENY LUZERNE CRAWFORD	5 5 1 4 6 4 6 4 9 4 12 3 10 4 15 4	9 49 1 27 0 45 0 18 1 22 9 56 0 21	77 56 75 25 79 09 79 02 78 19 74 42 78 00 79 52 75 40 80 10	1700 1610 1476	BP MID 7A	7A H1D 7A 7A 8A	0	H	MRS. 1. S. BUCHANAN SUN OIL CO. ROY A. MARKER COMPS OF ENGINEERS FEG. AVIATION AGENCY HARRY BISLAND DAVIO W SHIVES JR U 5 CORPORATION GEORGE PERRAGE CITY OF MEROVILLE
	BREEZEWOOD BRUCETION 1 SE BUCKSTOWN 1 SE BUFFALD MILLS BURGETISTOWN 2 W BURNT CABINS 2 NE BUTLER BUTLER BUTLER GAMPON KLINE CAMPON LINE	0905 1033 1073 1087 1105 1115 1130	BEDFDRO ALLEGMENY SONERSET BEDFDRO WASHINGTON HUNTINGOON BUTLER BUTLER LYCOMING BRADFDRO	6 40 00 10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 16 41 19 15 41 40	78 14 79 59 78 50 78 39 80 26 77 52 79 54 79 33 77 17 76 52	990 1100 1140 590	#1D 7A 8A 7A 7A 5P 8A 8A 7A 7A		E H	PA. TURNPIKE COMM. AUSTIN R. COOPER ALVIN W. MANGES CLIFFORO C. ADAM5 SMITH TWP, MUN. AUTH. PA. TURNPIKE COMM. WALLACE A LOZ MEST PENN POWER CO. LESLIE O. DOWLING MRS.MILOREO SPENCER	MEOIX RUN MERCER 2 NNE MERCER HIMAY SHEO MERCER SBUJBG MERWIN BRJUBG MEYERSOALE I W MILAN 2 N MILANY LLE MILLERSBUJG 2 E MILLERSBUJG 2 E	5662 5676 5686 5731 5738 5775	ELK MERCER MERCER FRANKLIN MONROE SONERSET BRADFORO MAYNE DAUPMIN CENTRE	12 3 9 4 17 3 15 4 15 4	1 15 1 14 9 49 0 58 9 45 1 56	78 24 80 13 80 15 77 54 75 28 79 02 76 31 75 04 76 56 77 29	1100 1160 1250 615 985 1960 770 780 560	7P 8A 00 7A	7A 7A 8A 9A 7A	4 4 4		MRS.E. M. SNYOER MRS.ERAN. STRUTHERS PA. DERT. HIGHWAYS MRS. ROBERIA C GILBERT ARTHUR A. SNITH E T C SNYOER CHARLES E. STROUG CHARLES W. OAVIS RUSSELL SMEPLEY MEVIN E. BOWERSDX
	CARLISLE CARROLLTOWN 2 SSE CARTER CAMP 2 W CEOAR RUN CHADDS FORO CHAMBERSBURG 1 ESE CHARLERO! CHARLERO! CLARENCE CLARENCE CLARENCE CLARION 3 SW	1234 1255 1262 1301 1342 1354 1372 1377	CUMBERLAND CAMBRIA POTTER LYCONING DELAWARE FRANKLIN WASHINGTON WESTMORELAND CENTRE CLARIDN	15 40 13 16 40 35 16 41 37 16 41 31 5 39 52 12 39 56 10 40 08 10 40 09 16 41 03 1 41 12	77 12 76 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26	465 2040 2030 800 170 640 1040 749	6P 6H 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 8P 7A		HH	CARROLL G. MILLER ROBERT F. MAURER RICHARO L. MEMKEM RATHRYN T. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENGER WEST PENN POWER CO. CORPS OF ROISHERS MRS SUSAN VERBITSKEY PA. ELECTRIC CO.	MILLVILLE 2 SW MILROY MONTGONERY LOCK AND DA MONTROSE MORGANTOWN MT GRETMA 2 SE MOUNTY UNION 1 N MURTYSYILLE MYERSTOWN MATRONA LOCK 4	5825 M5902 5915 5956 6028 6067 6111 6126	COLUMBIA MIFFLIN BEAVER SUSDUEHAMNA BERKS LANCASTER MIFFLIN MESTHORELAND LEBANDN ALLEGHENY	11 4 15 4 15 4 15 4 10 4	1 50 0 09 0 14 0 24 0 26	78 34 77 35 80 23 75 52 75 54 76 26 77 53 79 42 76 18 79 43	866 776 692 1566 599 676 826 900 481	2 5P 7A 5 MID 0 HID	8A 7A 7A	0 0	н	RENNETH LEIGHOW THOMAS C. MARBESON CORPS OF EMGINEERS RALPH TAYLOR PA. TURNPISE COMM. PA. TURNPISE COMM. HT. UNION WATER WORKS DAVIO C. SHAW MS-XATHLEEN WANDELL CORPS OF ENGINEERS
	CLAUSSVILLE CLAYSVILLE 3 W CLEARFIELD CLERMONT T CLERMONT 4 MW COAFESVILLE 1 SW CONFLUENCE 1 SW OAM CONFLUENCE 1 NV COME COMECAUTVILLE COMECAUTVILLE COMECAUTVILLE COMECAUTVILLE COMECAUTVILLE COMECAUTVILLE COMECAUTVILLE	1505 1512 1519 1529 1534 1589 1705 1710	LEHIGM WASHINGTON CLEARFIELO MC KEAN MC KEAN CHESTER SONERSET FAVETTE CRAWFORO FAVETTE	40 37 11 40 07 16 41 01 1 41 41 1 41 44 5 39 58 17 39 58 17 39 50 8 41 45 17 40 01	75 39 80 28 78 26 78 50 78 52 75 50 79 22 80 22 79 36	670 1000 1100 2104 1620 342 1490 1331	5P 7A 6A 6A 6A 6A 7A 9A 9A 6A	0.4	K K	WILLIAM J. OOTTERER MFGRS. L. + H. CD. IRA TAYLOR MRS. TILLIE N. SIMONDS MRS. TILLIE N. SIMONDS MRS. TILLIE N. SIMONDS DRS. TILLIE N. SIMONDS OF EMGINEERS JOHN L. REIO S. CARLYLE SHELOON MARSHALL B. MENFEE	NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN NORTH EAST 2 SE	6174 6194 6255 6246 6289 6297 6310 6326	HUNTINGODN BUCKS LAWRENCE FAYETTE YORK PERRY WESTHORELAND LEHIGH MONTGOHERY ERIE	5 4 2 4 10 4 15 5 6 4 10 4 14 4	00 40 00 09 1 01 100 05 19 44 10 29 10 13 10 41 10 07	77 55 74 57 80 22 79 54 76 30 77 08 79 38 75 45 75 21 79 49	78- 40- 98- 57-	5 5P 5 12M 0 7A 0 MIO 0 MID	12M 6P 7A MID 6P	c	н	PA. STATE UNIVERSITY PHILA. SUB. WATER. CO. LEVIS W. HANTLTON GENERAL CHEMICAL CO. CLINTON J. ALLEN MSS. FRANCES K. FRY PA. TURNIEL COMM. FREO C. OSWALO BOROUGH OF MORRISTOWN ELLSWORTH WEAVER
	CONSIDERATION OF THE PROPERTY	1729 1737 1749 1773 1790 1806 1809 1833	FAYETTE MONTGONERY CLARIDN ALLEGHENY ERIE POTTER TIDGA INCLANA KANBRIA	17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 47 15 41 44 1 40 41 6 40 27	79 33 75 19 79 13 80 05 79 39 78 03 77 53 77 07 79 12 78 34	1300 70 1180 720 1440	6P 6F 7P 8J 7J	A A A P A	к	HARRY C. JOY PHILA. ELECTRIC CO. PA. DEPT. FRST. O YTRS. PGH. COKE + CHEM. CO. RICHARD T. MOUNTAIN MISS ELIZABETH MEFF FERO IRISM CALVIN R. PACKARD CORPS OF ENGINEES FRED A. PLEMPEL	NORTH PHILADELPHIA API DRWELL 2 MW PALME PTON PARKER P PARKER I PAUPACK 2 WNW #PHILADELPHIA WB AP #PHILADELPHIA WB AP #PHILADELPHIA PEREZE	6622 6681 6689 6721	BRADFDRD MONTGOHERY CARBON ARMSTRONG	15 4	00 05 1 55 10 26 10 48 11 05 11 06 11 24 139 57 39 53 39 55	75 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15 75 12	114 110 136 3	0 5 5 MID 0	8A MID MID		нл	AIRPORT GUARDS ELMER T. MODRE MRS HELEN ESCHBACH NEW JERSEY 21NC CO- LOUIS A. HALAREEY P. N. NEELY MISS L. VETTERLEIN FRANCIS C. OAVIS. JR. U.S. WEATHER BUREAU ATLANTIC REFINING CO-
	OANVILLE DEVAULT   W DINGMANS FERRY DIKON OONEGAL DONORA OOYLESTOWN DRIFTWOOD U BOIS FAA AIRPORT	2013 2116 216 2171 2183 2190 2221 2245 2260	MONTOUR CMESTER PIKE WYOMING WESTMORELAND HASHINGTON BUCKS CAMERON UEFFERSON CLEARFIELD	13 40 58 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 9 40 18 16 41 20 1 41 11 16 41 06	76 37 75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 54 78 38	460 360 430 750 1746 900 358 880 181	74 77 MID MII 5P 51 51 51 51 51 51 51	A D P P P P	C H	MRS. MARIE M. LITTLE PA. TURMPIKE COMM. THOMAS A. MOTALEN MAROLD J. KUSCHEL PA. TURMPIKE COMM. THEODORE F. MATHUES KARL W HISTAND SIONEY KENNEDY FEO AVIATION AGENCY CITY OF OU BOIS	PHILIPSBURG FAA AR RHOENIKVILLE 1 E PIESS CREEK PITTSBURGH WB AP 2 PPITSBURGH WB C17Y PLEASANT HOUNT 1 W PORT CLINTON POTTSYLLE PUNKSUTAWREY PUNKSUTAWREY PUNKSUTAWREY E OAH	6916 6927 6939 6993 7029 7116 7161	KENTRE CHESTER LUZERNE ALLEGMENY ALLEGMENY WAYNE SCHUYLKILL JEFFERSON ARMSTRONG	6 14 15 11 11 11 5	40 35	76 05 75 30 76 08 80 13 80 00 75 27 76 02 76 11 79 00 79 17	10 152 113	7 MID 9 HID 0 84 0 74	7A HID	מה הההההה חה	н	FEO. AVIATION AGENCY PHILA. SUB. WATER COMM. MARRY SMELOON U.S. WEATHER BUREAU U.S. WEATHER BUREAU VILLIAM POLIVEA MRS. ADA E. PARTICK LLOYD E. WELLER CARL E. ROTOLO CORPS OF ENGINEERS
	DU BOIS 7 E DUNLO DUSHORE 2 55W EAGLES MERE EAST BRACY EBENSBURG EDINBORO EHPORTUM 1 N ENGLISH CENTER	2296 2325 2345 2365 2466 2514	CAMBRIA SULLIVAN SULLIVAN CLARION CLARION CAMBRIA ERIE S CAMERON LYCONING	4 40 17 16 41 29 16 41 24 1 40 59 4 40 29 1 41 52 16 41 32 16 41 26	76 43 76 25 76 35 79 37 78 43 80 06 76 14 77 17 76 10	2410		44044 44	C C C C H	MRS. D. L. WHITE ROBERT J. OBERT FRANCIS B. HANLEY A. B. KEMPEL ROBERT A. WASSER ECIMBORD ST. TCHR. COL- MRS. TALLIE M. BRITTON WILLIAM SUCERS STANLEY L. VON NEIOA	OUAKERTOWN 1 E RAYMOND MREADING WB CITY REMOVO S REW RICES LANDING L 6 RIDGWAY ROCHESTER 1 H RUSWYILLE	7239 7310 7316 7409 7410 7429 7443 7477	DEUCKS DE	5 13 14 16 16	40 26 41 52 40 20 41 20 41 14 41 54 39 57 41 25	75 20 77 52 75 58 77 45 77 46 78 32 80 00 78 45 80 18 76 07	203	0 M10 74	TA MID TA BA TA	2 2	н	OENNIS R. FLUCK MRS. RACHEL LANGAN U.S. WEATHER BUREAU ELMER G. BATSCHELET C. F. BILLETTE EDWARD P. CLARK CORPS OF ENGINEERS BOROUGH OF RIOGWAY OEOUESHE LIGHT CO. CARL KORATZ
	EPHRATA  EOUINUMK 2  ERIE CO FIELO R5CH LAE  ERIE WB AIRPORT  EVERETI I SW  FARRELL SHARON  FORD CITY 4 S OAN  FRANKLIN  FREELANO  GALETOM  GALETOM  GEJGERTOWN	2671 2681 2721 2814 2941 3021 3031 3131	BEOFORD MERCER	15 40 11 5 41 51 8 42 13 8 42 05 6 40 00 2 41 14 1 40 43 1 41 23 15 41 01 16 41 44 14 40 13	75 13 79 51 80 11 76 23 80 30 79 30 79 49 75 54 77 38	910 740 732 1020 855 950 987 1900 1380	7. HID MI 8A 8. 7P 7 8A 8 6P 8	A DADA 8	G C H C H	MRS. H. C. FLYNN FIELD RESEARCH LAB. J U.S. WEATHER BUREAU	RUSSELL SAFE HARBOR SAGAMORF 1 S SALIMA 3 W SAKTON SCANOIA 1 E SCHENLEY LOCK 5 W3CRANION WB ALRPORT SELLERSVILLE 2 NW	1725 1732 1733 1762 1846 1855 1861 1902	WARREN LANCASTER INGLANA WESTMORELANO BEOFORO WARREN ARMSTRONG LACKAWANNA BUCKS	1 15 1 7 6 1 15 15	41 56 39 55 40 46 40 31	79 08 76 23 79 14 79 33 78 15 79 02 79 40 75 40 75 44 75 20	123 27 132 110 78 210 76	00 00 00 00 00 00 00 00 00 00 00 00 00	VAR	2 22	н	MIKE L. FERRIE S.M. WATER POWER CORP. CORPS OF ENGINEERS MUM. AUTH. WSTMRID. CO. MRS. ALVERTA L. HOLMES CLARE E WINERITER CORRS OF ENGINEERS U.S. POST OFFICE U.S. WEATHER BUREAU SELLERSVILLE WATER CO.
000	GEORGE SCHOOL MGETTYSBURG 1 GETTYSBURG 1 GLENCOE GLEN HAZEL 2 NE DAM GLENMORE GLEN ROCK GLENHALLARD DASH OAM GOULDSBORO GRATER PORD	320 321 322 329 331 332 333 534	BUCKS ADAMS ADAMS SOMERSET ELK CHESTER VORK ALLEGHENY WAYNE MONTGOMERY	5 40 13 12 39 50 12 39 49 1 41 34 5 40 06 15 59 48 11 40 33 9 41 15 14 40 14	74 56 77 14 77 14 78 51 78 36 75 47 76 44 80 13 75 27	135 540 530 1620 1725 440 620 705	8A 6 9A 9	4	c c	SEORGE M. HART NIGH C. NC ILLENNY NATIONAL MILITARY PARK NGS, MARY M. HARTMAN CORPS OF ENGINEERS JOHN J. SHRADER HRSs E. C. MC VILLIAMS CORPS OF EMGINEERS OANA L. SHAY GEORGE S. MANN, SR.	SMADE GAP 2 NE SMANDILIN SMEFFIELD 5 W SMIPPEMSBURG SINNEMANDALING SIZERVILLE SLIPPERY ROCK SMETHPORT HIGHWAY SHE SOMERSET FAIRVIEW S7 SOUTH CANAAN I ME	7978 8026 8073 8145 8155 8186 0 8196	5 HUNTINGDON B NORTHUMBLANO 6 WARREN 3 FRANKLIN 5 CAMERON 5 CAMERON 6 WITHER 0 MC KEAN 6 SONERSET 5 WAYNE	15 15 16 16 2 1 17	41 19 41 55 41 04 41 48 40 01 41 31	77 52 76 33 79 08 77 32 78 05 78 11 80 03 78 27 79 05 75 24	192 70 79 123 134 151 214	70	7A 7A 7A		н	MRS. MELEN H. PYLE ROARING CREEK WATER CO- WILBUR R. MORDIM KEITH B. ALLEN MRS. FRANCES CALOWELL CLOSEO 4-30-63 RAYMONO E. HILLER PA. DEPT. HIGHWATS MOWARD G. PECK EUGENE M. COOK
	GRATERFORD 1 E GREENSBORD LOCK 7 GREENSBURG 2 E GREENVILLE HANOVER HARRISSUDG WB AP HAWLEY HAWLEY 1 S OAH HOLLIGAYSBURG HOULIGAYSBURG	343 350 351 352 366 369 375 376 400	7 MONTGOHERY 3 GREENE 5 WESTMORELAND 6 MERCER 2 YORK	14 40 14	75 26 79 55 79 53 80 23 76 51 76 51 75 10 75 11 78 24	600 335 880 1200 960	6P 6 8A 8 M(D M) 7A 7	BA	C C C C C C C C C C C C C C C C C C C	STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. OEPT. HIGHWAYS C. EARL MILLER MAHOVER EVENING SUN U.S. WEATHER BUBEAU MS. KATHERINE BATES PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CO.	SOUTH HOUNTAIN SPRING GROVE STATE COLLEGE STATE COLLEGE STILLWATER OAM STOYSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN STRONGSTOWN	837' 844' 845' 849' 856' 857' 858' 859' 861'	FRANKLIN YORK CENTRE CENTRE SUSOUEHANNA SONERSET BERKS HIDIANA MONROE JEFFERSON	15 16 16 15 4 14 4	40 06 40 29 40 53 40 59 41 01	77 30 76 52 77 52 77 52 78 51 76 11 78 55 75 12 78 30	1111 1111 1111 1111 1111 1111 1111 1111 1111	70 75 7. 80 45 00 9. 00 80 80 11	9 9A 8A P 11P 7A	c	G	PA. DEPT. OF VEALTH P. N. GLATFELIER CO. PA. STATE UNIVERSITY CORPS OF ENGINEERS VERNON MONG JACOB KLAMP HARRY F. BENNETT WILLIAM HAGERTY CORPS OF ENGINEERS
	WHOLTWOOD MONE MONE SOALE 4 NW HONE SOALE 6 NNW HONE'S BROOK 1 W HOP BOTTOM 2 SE HUNTINGOON HUNTSOALE HYNOMAN 1 NOIANA 3 SE	404 404 404 406 415 416	9 LANCASTER 7 INDIANA 3 WAYNE 4 WAYNE 7 CHESTER 6 SUSOUEHANNA 9 HUNTINGODN 6 CUMBERLANO 0 BEOFORO 4 INDIANA	15 39 50 1 40 45 5 41 37 5 41 59 5 40 06 1 41 43 6 40 29 15 40 06 12 39 49 4 40 36	79 06 75 15 75 17 75 56 75 43 78 01 77 18 78 44	1220 1410 1090 700 900 640 610 960	7A 2	3A 9A 7A 7A 7A 8A 7A	2 2 2	PA. POWER + LIGHT CO. NRS. EONA N. BUSH GEORGE C. WILLIAMS FRIENO E. WALTER S. H. KURTZ JOSEPH J. SAMAUSKAS JAMES N. GIENGER METRO P. DOROSH OOMALO LEHMAM I CLYMER WATER SVC. CO.	SUNBURY SUSOUEHAHNA TAMAQUA A N OAM TIONESTA 2 SE OAM TITUSVILLE TITUSVILLE WATER WORK TOBYHANNA TORPEOO 4 W TOWANDA 1 ESE	869 875 876 887 888 688 889 890 890	3 MONROE 1 WARREN 5 BRAOFORO	19 14 1= 1 1 1 1 5 1 1 19	40 52 41 57 40 48 40 51 41 29 41 38 41 38 41 11 41 47 41 45	76 47 75 36 75 56 75 55 79 26 79 40 79 42 75 25 79 32 76 25	10: 8: 9: 11: 12: 15: 15: 15: 15: 15: 15: 15: 15: 15: 15	30 20 00 8 50 20 7 50 5 35 45 7	7A 8A 7A 8 6A P 7P P 5P 7A P 7A	, c	н	CHARLES W. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY WTR. CO. CORPS OF ENGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRADY MRS. LILY 0. GARBER LEVERN ROOT
	JACKSON SUMMIT JAMESTOWN 2 NW JERSEY SHORE #JOHNSTOWN JOHNSTOWN ZOHNSTOWN KARE I NNE KARTHANUS KEGG KITTANNING LOCK 7 KRESGEVILLE 3 W	432 436 438 439 445 445	TIOGA 5 CRAWFORO 3 LYCOMING 5 CAMBRIA 60 CAMBRIA 12 MC KEAM 12 MC KEAM 13 BEOFORD 14 ARMSTRONG 12 CARBON	15 41 57 2 41 50 16 41 12 4 40 20 4 40 15 1 41 41 16 41 07 6 39 59 1 40 45 9 40 56	80 21 77 15 78 55 78 55 78 40 78 60 78 40 78 40 78 40 78 40	3 1050 5 541 5 1214 5 1275 8 1750 7 960 3 1280 2 790	94 9 74 NI M	7A 9A 8A 7A	KK UE	ARCHIE LAIN PA- 0EPI- FRST- + WTRS- GEORGE R- WADDELL JOHNSTOWN TRIBUME CITY OF JOHNSTOWN RIDDL PH A- ANDERSON ROBERT K BRADFORD PA- TURNPIEC COMMI- COMPS OF FMGINEERS CITY OF BETHLEMEN	TOWER CITY 2 E TPOY TUNNELTON TUNTLEPOINT & NE TYRONE & NE BALD EAGL UNION CITY FILT PLANT VANDERSRIFT VIRGINYILLE WARNEN	895 898 900 E 902 904 905 912	2 SCHUYLKILL 9 BRADFORD 9 INDIANA 2 MC KEAN 4 BLAIR 2 ERIE 0 "AYETTE 8 WESTMORELANG 6 TERKS 8 MARREN	15 1 6 1	40 35 41 47 40 27 41 54 40 43 41 55 39 54 40 36 40 31 41 51	76 31 76 47 79 25 78 16 78 12 79 46 79 46 79 33 75 52 79 06	7 11: 8 8: 10 10 8 14: 10 8	90 40 20 00 40 6	7A 7A 7A 7A 7A 7A 8A	c c	н	MRS LILLIAN S BOWMAN JENNIE L. BALLARO MRS. MARY E. WEIMER ROGERT O. STRAIT FREDERICK L. FRIOAY MAROL OW. MARSTELLER UNITZE ERG. & FMORY-CO- MRS. MARY M. WRIGHT GILBERT M. REIER
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STATION	ON COUNTY	DRAINAGE 1 LATITUDE LONGITUDE	Z TIME	VATION E AND BLES	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELVATION	OBSERVATI TIME ANI TABLES	
# ASHI MOTOM  # ATSOMT CHE  # ATSOMT CHE  # ATSOMT CHE  # ATSOME CHE  # EST CHESTER  # EST CHEST	#512 MASH NOTON #599 NORTHUMBLAND #500 FULTON #400 T 100A #404 T 100A #404 CHESTER #500 FOREST #650 FOREST #650 ARMSTRONG #6702 LUZENE	11 40 11 80 14 19 41 05 79 52 10 39 54 80 10 12 39 40 78 05 19 41 45 77 16 3 59 58 75 56 1 40 45 79 24 1 40 45 79 25 15 41 15 79 52	1200 490 940 910 1920 7A 7A 600 8A 1090 8A 1090 8A 1090 7A 610	H	PA, DEPT. HIGHWAYS ellliah BIRO BOROUGH OF GAYNESBURG HRS, ORA I, LYNCH HABION L, SHLMBAY OAILY LOCAL NEGS COMARO-PYLE CO. HRS, HELEN F, KIMEAR CORPS OF FROINTERS HRS, HARY G, HIRHAK	elliam souro elliam souro elliam souro elliam souro elliam souro york 5 SSW PUMP STA york 2 S Filter Plant york 25 Filter Plant york mayor york mayor zion grove zion grove	9781 9823 9935 9938 9950 9966 9990	LYCOMING NORTHAMPTON BEOFORD YORK YORK	19 5 6 15 19 19	60 27 61 19 60 91 60 03 99 99 39 96 60 07 61 91 60 96 60 28	76 12 76 95 75 18 78 32 79 43 79 44 76 43 79 19 76 13 75 27	980 927 795 1190 390 640 510 1223 940 680	7A 3P 3P 9A	ROBERT GUNNETT  U.S. WARTER RUPEAU  MRS. MARY D. MOELZEL  GALTER C. BICE  YORK WATER COMPANY  YORK GATER COMPANY  METROPOLITAN FOLSON CO.  MANGE OF TETER  LESLIF MOWETT

<sup>1.</sup> ALLEGHENY 2. BENVER S. CONEMUNG 4. CONEMADUS S. DELAWARE 6 JUNIATA 7. EISELMINKTAS 6 LAKE ERIE 9. LEHIGH 10. MONONGAMELA 11. ONIO 12 POTOMAC 13. LAKE OWTARIO 14. SCHUYLEILL 15. SUSQUENKANNA 16. WEST BRANCH 17. YOUGHICKERY

#### REFERENCE NOTES

Additional information regarding the climate of Peensylvania may be obtained by writing to the State Climatologiet at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberiand, Pannsylvania, nr to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post off

Delayed data and corrections will be carried only in the June and December issues of this bulletie

Monthly and seasonal scowfall and beating degree days for the 12 months ending with the proceeding June data will be carried with the July issue of this bulletie.

Statione appearing ie the ledex, but for which data are est listed in the tables, either are missing or were received too late to be ieeluded in this issue

Divisions as used in "Climatological Data" Table and on the maps, became offective with data for September 1956.

Uslams otherwise indicated, dimensional unite used in this bullstin are: Temperature in 'F, precipitation and evaporation in inches and wind nevement in miles. Moethly degree day totals are the sums of the negative departures of average daily temperatures from 85° F.

Evaporation is awasured in the standard Weather Bureau type pan of 4 foot disneter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Mie in "Evaporation and Wind" Table refer to extreme of temperature of water in pan as recorded during 24 bours ending at time of ebservation.

Normale for all stations are climatological standard normals based on the period 1931-1960,

Water equivalest values published in the "Secwfs11 and Snow on Ground" Table are the water equivalent of secw, elect, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the secwpack may result in apparent icconsistencies in the record.

Entries of enowfall in the "Climatological Data" Table and the "Scowfall and Snow on Ground" Table, and in the "Scawonal Scowfall" Table include seow and sleet. Entries of seow or ground include seow, sleet and ice.

Data is the "Extremee Table": "Daily Precipitation" Table: "Daily Temperature" Table; and "Evaporation and Wied" Table; and snowfall is the "Secorfall and Snow on Ground" Table, whose published, are for the 24 hours ending at time of observation. The Station is idea above observation time. During the aumant mostly some observation and wied" Table; and snowfall is the "Secorfall and Snow on Ground" Table; whose published, are for the 24 hours ending at time of observation. The Station is dealers and snowfall is the "Secorfall and Snow on Ground" Table; whose published, are for the 24 hours ending at time of observation. The Station is dealers and snowfall is the "Secorfall and Snow on Ground" Table; whose published, are for the 24 hours ending at time of observation. The Station is dealers and snowfall is the "Secorfall and Snow on Ground" Table; whose published, are for the 24 hours ending at time of observation.

Show on ground ie the "Secwfall and Show on Groued" Table is at observation time for all except Weather Buresu and FAA stations. For these stations enow on ground values are at 7:00 a.m., E.S.T.

In the Statice index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following

- C Recording Rate Cage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
  6 "Soil Temperature" Table.
  8 "Seoufall and Snow ce Groued" Table. Obiseice of data in any month indicates so snowfall and/or snow on ground in that moeth.
  9 "Supplemental Data" Table.

- No record is the "Climatological Data" Table and the "Daily Temperature" Table is indicated by so cetry, interpolated values for monthly precipitative totals may be found in the annual issue of this publication.

  No record is the Supplemental Data "Table; "Daily Precipitatice" Table; "Praporation and Wise" Table; "Daily Soil Temperature" Table; "Seowfall and Scow on Ground" Table; sed the Station Index.

  Station Index.

  \*\* Fastest observed one insuits wind speed. This station is eot equipped with automatic wind instruments.

  \*\* Fastest observed one insuits wind speed. This station is eot equipped with automatic wind instruments.

  \*\* Amount iscluded in folicwing measurement, time distribution unknown.

  \*\* Thereometers are generally exposed is a sabilar located a few feet above sod-covered ground; bowever, the reference indicates that the thermometers are exposed in a sabilar located one the roof of a building.

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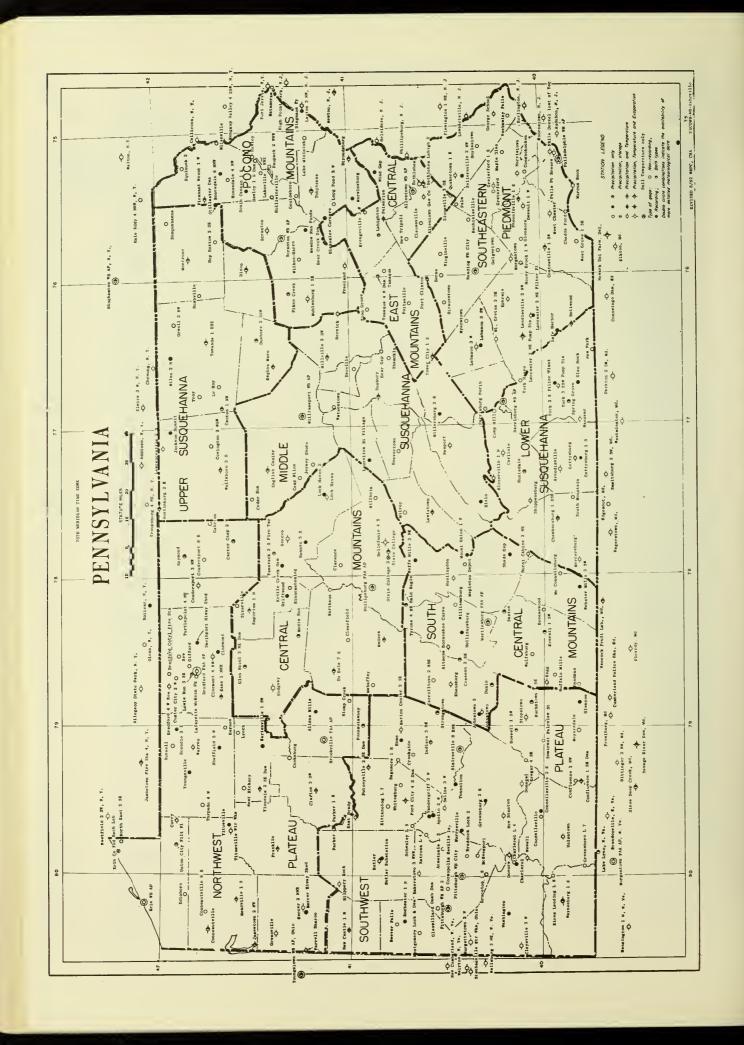
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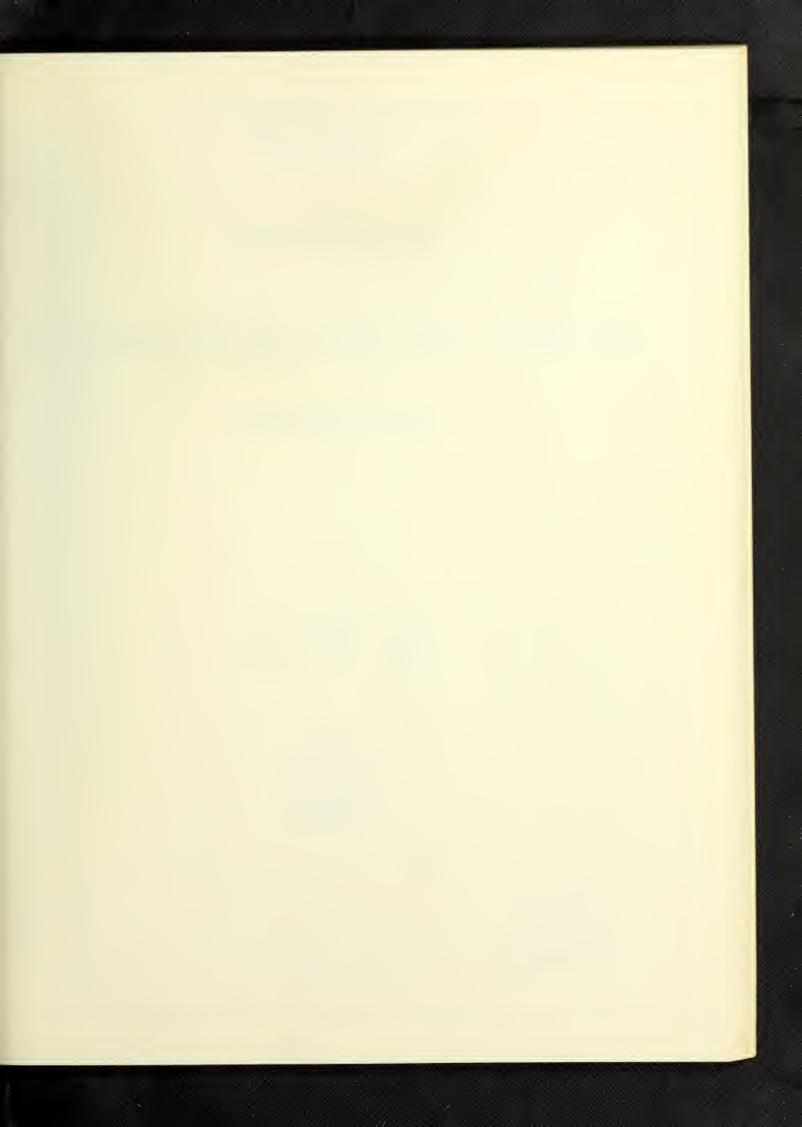
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General weather coeditions is the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superistendent of Documents, Government Principal Office, Wamblegton 25, D. C.

Information concerning the bistory of changes to locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation Ristory" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the 1961 secual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 ceets.

Subscription Price: 20 ceets per copy, moethly sed annual; \$2,50 per year. (Yearly subscription includes the Assual Summary.) Checks and money orders should be made payable to the Superinteedent of Documents, Government Printing Office, Machington 25, D. C.





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#### U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

SEPTEMBER 1963 Volume 68 No. 9



DEC J 1256

#### PENNSYLVANIA - SEPTEMBER 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 92° on the 9th at Bethlehem Lehigh University

Lowest Temperature: 19° on the 24th at Clermont 4 NW and Coudersport 3 NW

Greatest Total Precipitation: 7.06 inches at Clarence

Least Total Precipitation: 0.30 inch at Natrona Lock 4

Greatest One-Day Precipitation: 3.60 inches on the 4th at Glenmoore

#### SPECIAL WEATHER SUMMARY

Record low temperatures, early frost, and persistent dryness through most sections of Pennsylvania were the outstanding weather features during September.

Several outbreaks of cool Canadian air plus prevailing northwesterly winds during the month provided the prime ingredients for making this one of the coldest Septembers on record in Pennsylvania. Temperatures remained below normal about two-thirds of the time with departures of as much as 12° to 18° reported on a number of days. The coldest portion of the month occurred from the 13th through 15th and 21st through 25th when record low readings for the date were set on several days. Most northern and some central mountain sections experienced frost and freezing temperatures as early as the 14th, although the first general freeze did not materialize until the 23d and 24th. All except the southern portions of Lancaster, Chester, Bucks, Montgomery, and Delaware counties in the southeast, the river valleys in the southwest, and along the southern shore of Lake Erie, realized freezing temperatures on the latter dates. This was a record freeze for so early in the fall and ended the growing season prematurely. Being about a week late in getting started in the spring and ending 4 to 5 weeks ahead of normal in the fall, this was one of the shortest growing seasons on record in the Keystone State.

Of more concern during the month, however, was the persistent dryness that continued through the sixth consecutive month in most sections. Not only were monthly rainfall totals below normal by up to several inches, but distribution was poor. Showers and thunderstorms on the 3d and a more general rain on the 29th produced the major portion of the 1.50-to 2.50-inch rainfall total over

75 percent of the counties, primarily through central portions of the State. During the 25-day interval between significant rains only a few generally light showers were reported. Even the storm near the end of the month that benefited most areas failed to produce any sizable amounts in most southwestern counties with the result that monthly totals in this area were less than 1 inch at a number of places.

In the southeast the rainfall picture was entirely different from practically all other sections as well as from preceding months in the same area. More frequent showers of the type to produce sizable rainfall amounts changed the area from a deficit to a surplus rainfall area. Amounts of over 4 inches were reported east of Yorkand Lebanon Counties and south of Schuylkill, Carbon, and Monroe counties. Several places even measured in excess of 6 inches for the wettest September in 25 years and one of the wettest on record.

Aside from the southeast, however, topsoils and subsoils remained unusually dry and ground water losses were large. As a result, some springs ceased to flow and wells went dry. Rivers, reservoirs, and streams also dropped to record or near record low levels during the last half of the month.

Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

Beginning with this issue the Daily Precipitation Table, Daily Temperature Table, Snowfall and Snow on Ground Table, and Evaporation and Wind Table will be arranged by Division in the same order as the Climatological Data Table.

## CLIMATOLOGICAL DATA

ATTIMET NOT

			-		Tem	pera	tura											Preci	pitation					
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Station		F			- E					Days	Mo	×.	MI	n,		e louis	Day			Depth		8.0	9.00	More
		Average	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	8	Above	32° or Bolgow	32° er Selow	0° or Bolow	Total	Departur From No	Greatest	Date	Total	Max. De	Date	.10 or Mo	.50 or Mo	1.00 or A
POCONO MOUNTAINS														+										
BFAR CREEK DAM FREELAND HAWLEY MATAMORAS MILANVILLE		67.8 70.4 70.2 75.1 70.9	41.1 46.7 41.4M 45.5 38.7	54.5 58.6 55.8M 60.3 54.8	≈ 3 <sub>•</sub> 0		20+ 19 20 19 20	31 26	24 23 25+ 24 25	313 194 266 169 302	00000	00000	6 1 4 2 9	00000	2.59 3.17 2.99	- 1.1T 82	.53 1.50 .87 .96	29 30	.0 .0 .0	0 0 0 0		6 5 6	2 4 3	0 1 0 0 0
PLEASANT MOUNT 1 W SCRANTON SCRANTON WB AIRPORT STROUGSBURG TOBYHANNA		65.8 73.1 71.4 72.2 67.3	39.5 45.1 48.5 43.0 42.2	52.7 59.1 60.0 57.6 54.8	- 4.3 - 1.5 - 5.4	85 85	20 20 19+ 19	30 31 23	24 25 24 24 24	363 186 175 231 307	00000	00000	7 2 1 6 4	0 0 0 0	2.58 1.75 1.69 3.50 2.06	- 1.60 - 1.28 - 1.28 79 - 2.34	.80 .67 1.04 1.91 1.17	29 29 29	•0 •0 •0	0 0 0		6 3 4 5 5	1 3 1 2	0 0 1 1 1 1
OIVISION 01				56.8	- 4.1										2.47	- 1.34			.0					
EAST CENTRAL MOUNTAINS													İ	-										
ALLENTOWN WB AP ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON		72.5 73.9 76.0 72.3 74.0	49.2 49.5 52.0 47.3 40.8	60.9 61.7 64.0 59.8 57.4	= 3.8 = 3.3 = 2.8 = 3.7 = 6.0	85 87 92 90 86	12+ 13 9 22 13	31 32 31 29 24	24	157 149 126 176 230	0 0 3 1 0	00000	1 1 2 7	00000	6.59 3.90 3.70 3.70 3.09	2.84 .15 .14 29 - 1.23	3.06 1.36 1.95 1.21 1.71	30 29 29	.0 .0 .0	0 0 0		5 6 5 4 4	4 4 3 4 2	3 1 1 2
210N GROVE		70.4M	М :	М		85	12				0	0			2.16		.94	4	•0	0		5	2	0
OIVISION 02 SOUTHEASTERN PIEOMONT				60.8	- 3.1										3.86	.01			•0					
COATESVILLE 1 SW OEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORD 1 E		73.6 71.1 74.4 72.5 72.2	49.1 48.0 52.0 47.8 48.6	61.4 59.6 63.2 60.2 60.4	- 4.3 - 3.4 - 6.0		13 12 12+ 13 13+	35 36 31	25 23 25 25+ 24	146 194 118 178 173	00000	0 0 0 0	1 0 0 2 2 2	00000	5.84 6.73 4.92 3.82 5.36	2.35 1.16 .16	2.40 3.30 2.10 1.25 1.85		.0	0 0 0 0		5 4 4 6 6	3 3 4	3 3 2 2 3
HOLTWOOD LANCASTER 2 NE PMP STA LANOISVILLE 2 NW LEBANON 4 WNW MARCUS HOOK		73.6 75.3 72.7 72.8 73.6	55.0 50.1 47.9 48.6 55.8	64.3 62.7 60.3 60.7 64.7	- 4.5 - 2.7 - 5.5		12 12 4 13+ 12+	31 27 34	24 24 24 24 24	92 117 178 159 98	00000	0 0 0 0	0 2 2 0 0	0 0 0 0	4.53 4.68 4.71 3.33 4.35	1.32 1.17	1.58 2.39 2.45 1.52 1.49	4	.0 .0 .0	0 0 0 0		5 4 5 3 5	3 2 2 4	2 2 2 2 2
MORGANTOWN MT GRETNA 2 SE NORRISTOWN PHIL OREXEL INST TECH PHILADELPHIA WB AP		73.2 73.5 74.3 73.4 72.7	49.7 45.8 52.8 55.3 52.9	61.5 59.7 63.6 64.4 62.8	- 3.9	89 88 88 86 86	2 11+ 12 20+ 12		24 25+ 24 25 25	141 181 117 99 118	0 0 0 0	00000	1 2 0 0	0 0 0 0	6.43 4.73 6.28 5.48 6.44	2,98	1.95 2.47 3.17 2.04 2.42	3 3 4 4 3	.0 .0 .0	0 0 0		6 4 6 4 4	3 4 3 4	3 2 2 3 3
PHILADELPHIA PT BREEZE PHOENIXVILLE 1 E QUAKERTOWN 1 E READING WB CITY WEST CHESTER	R	74.9M 75.7M 73.6 74.I	49.0M 48.2M 53.4 46.3	62.0M 62.0M 63.5 60.2	= 5.3 = 1.8 = 4.0 = 6.7	86 86 87 86	12 12 12 20+	25	25+ 24 24 24	138 132 116 175	0 0 0 0	0000	2 3 0 1	0000	5.23 3.93 5.46 5.24	1.68 .19 2.14 1.44	1.98 1.45 2.31 2.01	29	.0 .0 .0	0 0 0		6 5 4 5	3 3 3	3 1 2 3
WEST GROVE 1 SE		72.2	50.3	61.3		85	13	34	24	146	0	0	0	0	5.92	2,46	2.14	4	•0	0		5	4	3
OIVISION 03				61.9	- 4.9										5.11	1.59			• 0					
LOWER SUSQUEHANNA																								
ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG		75.2 74.5 77.4 76.4 75.2	49.3 49.8 48.9 47.6 51.0	62.3 62.2 63.2 62.0 63.1	= 3.2 = 3.3 = 3.9 = 3.8	90 87 90 88 89	13 4 19+ 19	31 33 30 28 30	25÷ 24	142 135 120 139 135	1 0 2 0 0	0 0 0 0	2 0 2 3 2	0 0 0 0	2.40 1.51 1.95 1.89 2.07	- 1.11 - 1.95 - 1.16 - 1.41 - 1.25	1.48 1.15 1.53 1.30 1.76	29 29 29	.0 .0 .0	0 0 0		3 2 3	1 1 1 1	1 1 1 1 1
HANOVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	Q	76.5 73.5 77.1 78.6 78.1	50.2 49.5 48.6 49.6 48.6	63.4 61.5 62.9 64.1 63.4	= 3.5 = 4.9 = 3.7	90 88	13 12+ 13+ 12 12	34 29	24 24 24 24 24	118 149 120 101 127	1 0 2 0 1	0 0 0 0	2 0 2 3	00000	2.36 2.82 1.89 1.78 2.75	72 .00 - 1.22	1.92 1.66 1.21 1.35 2.10	29 29 29	• 0 • 0 • 0 • 0	0 0 0		4 2 3 2 3	1 2 2 1	1 2 1 1
OIVISION 04 MIOOLE SUSQUEHANNA				62.8	= 3.5										2.14	- 1.04			•0					
BERWICK ENGLISH CENTER LAURELTON STATE VIL LEWISTOWN MILLVILLE 2 SW		73.7 73.4M 76.2 72.1	46.1 37.4M 45.2 42.2	59.9 55.4M 60.7 57.2		87 85 90 84	12 20 13		24 26* 25 26*	179 282 154 240	0 0	0 0 0 0	2 9 3 3	00 00	1.90 2.28 1.70 2.22		.94 .55 .43	22	•0	0 0		6 5	1 0 1	0 0
NEWPORT SUNBURY TOWER CITY 2 E WILLIAMSPORT WB AP		76.2 75.0 70.4 72.8	45.4 42.5 43.1 46.6	60.8 58.8 56.8 59.7	- 4.4	89 88 84	13 13 13	29 27 25	25÷ 24	159 204 248 179	0000	0 0 0	3 4 4 2	0 0 0 0	2.63 2.75 4.84 2.29	40 52 98	1.33 1.45 2.73	4 4	•0	0 0 0		3 4 4 4	2 2 4 2	1 1 1 0
OIVISION 05			5,0	58.7	- 5.8										2.58	61	,		.0					
L'PPER SUSQUEHANNA																								
AUSTINBURG 2 W CANTON 1 NW DIXON EAGLES MERE LAWRENCEVILLE 2 S		70.1 68.4 71.8 64.2 72.1	38.9 41.9 40.8 43.7 42.1	54.5 55.2 56.3 54.0 57.1	<b>-</b> 4.6	81 82 85 76 84	20 20 20+ 20	27 26 31		307 291 261 325 244	00000	00000	6 3 6 2 6	00000	2.14 2.46 2.24 3.23 2.10	- •93	.45 .76 .98 .84	21	.0 .0 .0	0 0 0		8 6 4 6 5	0 1 2 4 1	0 0 0 0

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MCNTROSE TOMANOA 1 ESE WELLSBORO 3 5	67.3 72.3 67.7	40.6 43.3 41.5	54.0 57.8 54.6	- 4.7	80 85 81		26 25 27	25 ÷ 24 25 ÷	325 221 306	0		3	0 0 0	2.23 1.98 3.01	- 1.5	.6	9 30 8 30 9 21		0	0 0 0	6 6 8	1 3	0 0
OIVISION 06  CENTRAL MOUNTAINS			55.4	- 5.3										2,42									
DELLEFORIUM 1 N KARTHAUS LOCK HAVEN	73.7 70.2 68.9 72.4M 73.6	42.9 44.3 37.9 39.4M 41.7	58.3 57.3 53.4 55.9M 57.7	- 6.9	82	13 3 20+ 20+ 18+	26 28 21 26 28	24 24 24	222 239 342 274 225	0 0 0 0	00000	3	0 0 0 0	2.31 3.97 3.12 4.43 4.45	1.3	1.1 1.2 1 2.5	4 4		0 0 0 0	0 0 0 0	8 7 6 7	3 3 2 4 2	1 2 1
MADERA PHILITSBURG FAA AR RENOVO RIOGWAY STATE COLLEGE	68.8 67.2 74.0 70.4 71.7	38.3 39.8 44.3 39.9 46.3	53.6 53.5 59.2 55.2 59.0	- 4.7 - 3.9	83 78 87 80 84	4 12+ 19 20 13		25 24 24 25* 24	340 341 184 290 196	0 0 0 0	00000	8 7 2 8 1	00000	2.46 2.86 2.62 2.86 2.47	0 3 1	9 .9	3 4		00000	00000	64764	2 4 2 3 4	0 0
OIVISION 07 SOUTH CENTRAL			56.3	- 5.0										30.0									
MOUNTAINS ALTOONA HORSESHOE CRVE BURNT CABINS 2 NE EEENSBURG EVERETT 1 SW HUNTINGDON	74.1 76.9 70.0 75.9 76.6M	47.3 45.5 44.3 45.5 46.2M	60.7 61.2 57.2 60.7 61.4M	- 2·1 - 3·9 - 2·7	86 88 80 88 88	12+ 27+ 19+ 13+ 13		24 25+ 23 24 24	155 153 244 168 143	0 0 0 0	00000	2 4 4	00000	1.70 1.40 1.49 1.45 1.02	- 1.3 - 1.6 - 1.9	8 .6	35 2 00 2 76 2 91 2	9 9 9 6	0 0 0 0 0	00000	3 2 3 3 2	1 1 1	0 0
JOHNSTOWN KEGG MARTINSBURG FAA AR	77.3 75.8 72.5	45.7 46.3 47.5	61.5 61.1 60.0	- 1.2	87 88 85	3 12+	30 28 30		130 152 179	0 0	0 0 0	1 1	000	1.73 1.92 1.70	- 1.2	1.0	91 2	9	0	0	3	1 2	2   1
OIVISION OB			60.5	- 2.8										1.55	- 1.	, ,							
SOUTHWEST RLATEAU  BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETISTOWN 2 W BUTLER CLAYSVILLE 3 W	73.9 69.5 74.3 75.0M 77.6	48.2 49.4 41.0 42.1M 42.4	61.1 59.5 57.7 58.6M 60.0	- 5.5 - 4.3	85 85	3 19* 13* 13*	34 27 29	30 30 30+ 24 24	145 180 228 199 170		00000	0 0 6 5 7	00000	1.09 2.03 .34 1.25	- 1. - 2.	33	17 70 1	3 4	.0	0 0 0 0		2	201
CONFLUENCE 1 SW OAM DONEGAL OONORA FORO CITY 4 5 DAM INDIANA 3 SE	73.4 69.7 77.7 75.1 74.4	44.8 43.2 50.3 43.3 44.5	59.1 56.5 64.0 59.2 59.5	- 3.9	78	12	25 35 29	24	182 255 83 185 182	0	00000	3 4 0 2 3	00000	2.01 .80 1.38 1.03	- 1.	38		3	.0	0		2 2	1 1 1 1 1
MARION CENTER 2 SE MONTGOMERY L ANO O NEW CASTLE 1 N NEWELL NEW STANTON	71.0 75.6 76.4 80.1 77.1	47.2 48.7 45.2 49.1 45.7	59.1 62.2 60.8 64.6 61.4	- 3.9		12 + 19 13	34 31 33	23 24 30+ 24 27	187 112 155 85 121	0		0	00000	2.56 .99 1.84 1.80 3.33	- 1.	04	32	3 2 4 3	.0	0 0 0		2 4 4 7	1 2 2 2 2
RIITSBURGH WB AR 2 //R PITTSBURGH WB CITY R RUTNEYVILLE 2 SE DAM SALINA 3 W SLIRRERY ROCK	74.6 75.8 72.2 75.7 73.4	47.9 52.5 42.9 45.8 48.3	61.3 64.2 57.6 60.8 60.9	- 2.9		7 12 • 4 4 7 12		24 23 24	139 86 227 157 144	0 0 0	0 0 0	3 0	0	1.40 .63 2.66 .71 2.53	- 2.	04	24 88 28 26	13	.00	0000		3 5 3	2 0 2 0 2
STOYSTOWN UNIONTOWN WAYNESBURG 1 E	71.3 76.1 76.5	42.9 50.5 42.1	57.1 63.3 59.3	- 3.2	8	2 4 4 12 4 7 13	32	2 23 24	101	0	0	1	0 0	1.13	2 - 1	88 6	45	29	.0	0		3	000
OIVISION 09			60.3	- 3.	1										,								
NORTHWEST RLATEAU  BRAOFORO FAA AIRPORT  BRAOFORO 4 W RES  CLARION 3 SW  CLERMONT 4 NW  CONNEAUTVILLE	66.5 69.4 73.2 68.7 73.3	39.9 41.0 43.5 38.3 43.9	53.2 55.2 58.4 53.5 58.6		7 7 8 7 8	7 19	21		341 28 201 341 211	0 0	0	8 5 9	0 0	2.3 3.8 2.5	7 6 2	1	81	20 4 21 12	.0	0 0 0		5 6 6	3 2 3 2
CORRY COUDERSRORT 3 NW OU BOIS FAA AIRPORT EAST BRAOY ERIE WB AIRRORT	71.1 67.1 69.4 77.8 69.3	42.9 36.8 44.7 47.4 49.9	57.0 52.0 57.1 62.6 59.6		7 8 8	1 19 7 19 9 17 7 12 3 11	* 3 3 3	8 24 9 24 2 24 3 24 9 24	1	4 0 7 0 8 0 3 0		1 0 0	0000	4.2 3.3 2.4 1.4	7 2 6 6 - 2	.10	.74 .89 .88 .29	19	•0	0 0 0 0		4 8 5 7 6	26420
FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE	77.2 74.1 76.3 72.5 68.8	46.8 45.8 43.5	60.5 61.1 58.0	- 2.	1 8	8 19 4 20 16 19 20 9 20	3 3 2	7 23 0 25 1 23 0 23 1 24	10 15 14 21 36	6 0		0 1		1.9 1.5 1.6 3.1	9 - 1 8 - 1 6 - 1	14 38 55	.28 .62 .67 .67	12 20 12 21	.0	0		3 4 5 6	2 2 1 2 2
MEAOVILLE 1 S MERCER 2 NNE TIONESTA 2 SE DAM TITUSVILLE WATER WORKS WARREN	71.8 73.9 70.7 72.6 71.8	43.3 43.5 42.1	58.6 57.1 57.4		8	2 20 34 19 32 20 31 19 32 19	3	2 24 9 30 2 25 4 24 8 24	+ 23 22	9 (		0 2	5   C	2.9	1 -	.61 1	.75 .40 .63 .86	20	0	0 0 0		06848	1 1 2 1
OIVISION 10			57.6	- 40	5									2.5	57 -	• 65							

PERNSYEZANIA VEPTEMBER 1963

	F = 1								Day	ot Mon	e1.												MENTE	MBFR 1	V63
Station	Total	1 2 3	4	5 6	7	8 9	10 11	12		14   15		16   17	18	19	20	21	22	23   24	1 2	25   26	5 27	28	29	30 3	31
POCDNO MOUNTAINS  BEAR CREEK DAM  EOUINUNK 2  FREELAND  GOULOSBORD  MANLEY	1.92 2.52 2.32 2.59	.03	•17 •10 •39 •21 •27		.0	23		.07 .02 T	.19 .64 .02 .08			.01 .12 .22	.02 .12		.01	.29 .37 .46 .67							.52 .25 1.50 .59	.53 1:12 .60 .68 .87	
HOLLISTERVILLE HONESOALE 4 NH LANE MINISINK LANEVILLE 1 NNE LONG PONO 2 W	2.37 3.41 3.04 1.98 2.52	.01 .11	1.01		01 .0	01		T • 0 5	.27 .08 .02	.04		.02 .08 .66	.07	Ť	T 02 T 07	.52 .80 .41 .47	т						.60	.70 .49 1.49 .67 .79	•
MATAMORAS MILANVILLE PAUPACK 2 NW PINES CREEK PLEASANT MOUNT 1 W SCRANTON	3.17 2.99 2.02 2.79 2.58	.03	.09 .28 .09 1.33 .21	Ť		•06		.03 .31	.21 .02 .05 .43			•51 •03 •04	T		.15 .02	.63 .80 .56 .30 .40							.71 .57 .76 .65 .39	.96 .95 .42 .40 .80	
SCRANTON WB AIRPORT STRDUDSBURG TORYHANNA WILKES-BARRE EAST CENTRAL MOUNTAINS	1.69 3.50 2.06 2.55	.18 .28			02 02 T			.14 .18	.07			T .01	T		.30 .16 .33 T	.02 .11 .20							1.04 1.91 1.17	.02 .75	
ALLENTOWN NB AP ALLENTOWN GAS CO BETHLEHEM BETHLEHEM LENIGH UNIV CLAUSSVILLE	6.59 3.90 3.53 3.70 3.86	T .24 .01		T T	01			3.00	.02 .50 .74 .65			.01 1.04 .83 T .51 T .64	.09	T	.10	.08 .06							1.03	1.05	•
KRESGEVILLE 3 W LEMIGHTON NEW TRIPOLI PALMERTON PORT CLINTON POTTSVILLE	3.73 3.14 3.43 3.70 3.09	T .03 1.07	.42		05 .0	06		.74	.34 .20 .59 .03 .40			7 .25 .05 .64 7 .55 .02 .13	, 01 T		.04	.04							.35 .82 1.58 1.21 1.71	1.24 .08	
TAMAQUA 4 N QAM TAMAQUA 4 N QAM ZION GROVE ZIONSVILLE 3 SE SOUTHEASTERN PIEGMONT	3.08 2.58 2.16 3.82		.81 1.14 .94 .54						• 72 • 16 • 16 • 48			.02 .08 T	.07		.19	.05 T							.97 .84 .30	.50	•
BECHTELSVILLE BERNE CHAOOS FORO COATESVILLE 1 SW CONSHOHOCKEN	5.39 3.59 5.95 5.84 5.07		1.64 1.26 2.24 2.40 2.45	.13					.80 .38			.02 .74 T .36 .21 1.17 .15 1.22	.05			.04 .03 .16 .01							1.30 1.30 1.10		•
DEVAULT 1 W DOYLESTOWN EPHRATA GEIGERTOWN GFORGE SCHOOL GLENMOORE	6.73 3.91 4.92 5.83 3.82	3,30	7 .78 2.10 3.04 .46	.01 .	02 .2	0		.06	.05 .20	.13	06	1.35 .02 .30 .51 .05 .85 .02 1.00	.10 .01		.20	.07	,20						1.72 1.84 1.96 1.00	.67	
GRATERFORO GRATERFORO 1 E HOLTWOOO HONEY BROOK 1 W LANCASTER 2 NE PMP STA	5.38 5.36 4.53 5.41	т	2.02 1.85 .73 2.62	.02	.0	\$0, 60			.52 .23 .09			.15 1.20 1.00 .31 .74 .06 .79	.01			.52 .50 T .03							.90 1.58 .75 2.39	1.68	
LANDISVILLE 2 NW LEBANDN 4 'NNW MAPLE GLEN MARCUS HOOK MORGANTOWN MT GRETNA 2 SE	4.71 3.33 4.69 4.35 6.43 4.73		2.45 1.52 1.11 .74 1.62	T T	Т			.01	.06 .05 .23 T		17 02 13	.15 .22 .09 .06 1.12 1.16 .03	.02	.03	.03	•05 •37 T							1.42 1.19 .86 1.49	.38 .41 .87	•
MYERSTOWN NESHAMINY FALLS NORRISTOWN PALM PHIL OREXEL INST TECH	3.73 5.33 6.28 4.22 5.48	.55		T .14 .20	24			.03	.12 .02	Т		T .04 1.05 .06 .02 1.25	•09		.48	.02 .03 .14							1.95 2.25 .90	.04 .64 1.43	
PHILAGELPHIA WB AP R PHILAGELPHIA PT BREEZE PHOENIXVILLE 1 E  OUAKERTOWN 1 E READING WB CITY R	5.23 3.93 5.46	1.98	.76	- T	.0	T		0 .01	· 85	- :	02	1.21 .04 1.18 .16 T .35	. ±04	.03	.08	· 0-						-	1.62	+71	
STRAUSSTOWN VIRGINVILLE WEST CHESTER WEST GROVE 1 SE YORK MAVEN	5.58 4.20 5.24 5.92 2.57	• 0 1	3.29 1.02 2.01 2.14 .65	•01					.6Z			.02 .06 † .54 .18 1.32 .18 1.26 .13 T	.04	.01	T	.03							1.00 1.69 1.22 1.66 1.25	.70 .26 .46	
LOWER SUSCUEMANNA ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHAMDERSBURG 1 ESE GETTYSBURG	2.40 1.51 1.95 1.69 2.07		.14	.03	22 05			т	.05 T			.03 T .02 T	Т	Т	Ť	T T							1.15 1.53 1.30 1.76	.10 T	•
HANOVER HARRISBURG WB AP R HUNTSDALE MERCERSBURG NEW PARK	2.36 2.82 1.81 1.89 4.50		.14 .06 .13 .85	•	14			T	•12 •02 •16 T	٠	01	.14 .04 .06 T	.0		T	* 03							1.92 1.66 1.12 1.21 2.45	7 • 27 T	•
SHIPPENSBURG SOUTH MOUNTAIN SPRING GROVE YORK 3 SSW PUMP STA MICOLE SUSOUEHANNA	1.78 1.84 2.78 2.75	.02	.08 .43 .29		22				.02 .01 T	T		18 .03 .31 .01				• 02 • 01							1.35 1.43 2.10 2.10	.07	•
BEAR GAP BEAVERTOWN BERWICK CAMP KLINE CEDAR RUN	2.39 2.93 1.90 2.49		-64	T .	06 -			.30 .5 .21	.29						. 26	.04 .03							1.20 .80 .94 .48 .12	.15	•
OANVILLE ENGLISH CENTER JERSEY SHORE LAURELTON STATE VIL LEWISTOWN MILLVILLE 2 SW	2.64 2.28 3.95 1.70		1.06 .45 1.87 .26	. :	08 10 -			.28	.15 .35 .55 -				-	-	.10 -	.45	. 55 - T				-	-	.80 .37 .46 -43	.10	
MILROY NEWPORT SHAMOKIN SUNBURY TOWER CITY 2 E	1.76 2.63 2.80 2.75	T T	1.33 1.36 1.45	•	26 05			Т	.28 T .19 .39			.02	T T			.07	Ť						.60 .88	.15 .28 1.22 .35	
WATSONTOWN WILLIAMSPORT WB AP	2.96	.57	T	* <sup>37</sup>				.03	.57			T	Ť	.04	.52 .34	.03							.86	Ť	٠

Continued																	SEF	TEMBE	R 196	-
Station	Total	1 2 3		4 5	6	7 8	9	10 1	1 12	Day of Month  13   14   15	16 1	7 18	19 20	21	22 23 24	25 26 27	28 29	30	31	_
UPPER SUSQUEHANNA									.34	. 4D		<u> </u>	. 20	. 25				23 • 1	0	
AUSTINBURG 2 W CANTON 1 NW COVINGTON 2 WSW	2.14 2.46 2.36			. 45 . 35 . 62	.17				.40 .20	• 35			.08 .23	• 76 • 50 • 98				23 • 1 35 • 1 35 • 6 24 • 6	6	:
DIXON DUSHORE 2 SSW	2,24			.06 .20	.04				. 20 . 53	.05		Т	.03	.76				69 .	2	
EAGLES MERE HOR BOTTOM 2 SE LAWRENCEVILLE 2 S	3.23 2.81 2.10		84	.84 .83 .02	*05				.28 .07 .21 .23	.23			.46 .36	.05 .04 .69	T			02 1.0 36 .0 40 .:	24	
LE ROY MONTROSE	2,82		,01	.22					,30 ,13	+41		т	.03	• 24				41 .	s	
ORWELL 2 NW RUSHVILLE SUSOUEHANNA	1.76 2.86 2.21		. 1	.33 1.05 .42 .38 T	т				.26 .07	. 23 . 47		Ť	.06 .05	.30 .18 .36				24 .	58	:
TOWANGA 1 ESE TROY	1.98			.53 .01					.16	. 28			.12	. 69	.01			20 .	24	
WELLSBORO 3 S CENTRAL MOUNTAINS	3.01			.69 T	.20													<b>-</b>		
BELLEFONTE 4 \$ CLARENCE	7.06			.60 1.42 1.10	.55 .80 1.20	т			T .40 .45	.98				.06 .56				28 .	20	
CLEARFIELD OU BOIS 7 E EMPORIUM 1 N	3.97 3.12		.87	.04 .33 .56	.38	·			.98	•16				1.16				,22 .	08 16 06	
GLEN HAZEL 2 NE DAM KARTHAUS	3,76 4,43 4,45			.64 .01 1.03 2.54	1.27 .11				.70 .50	•38	1		.46	1.12 .75 .41				45 .	05 25	
LOCK HAVEN MADERA MAHAFFEY	2.46		.02	.20	.71				.69 .30	•43				.07				. 27 .	10 13	
MEGIX RUN MILLHEIM	3,90 2,70 2,86	i i	T .50	1.74 1.74	1.65 .14				, St	.06			.05	* S 2				,67 . ,68	17	
PHILIPSBURG FAA AP RENOVO RIDGWAY	2.62		.02	•63 •93 T	.14				.64				, 2D	3				.09	os	
SINNEMAHONING STATE COLLEGE	2.84	;	T	.61 T	.38 .68				T **	.52			Ť	. S5				,64	07	
SDUTH CENTRAL MOUNTAINS														.06				.8S	02	
ALTOONA HORSESHOE CRVE BREEZEWOOO BUFFALO MILLS	1.70	5	.02	.04 .24 .30 1.25	.18			.40	.0	3 • 42				.00			.90	.75	00	
BURNT CABINS 2 NE CARROLLTOWN 2 SSE	2.2	0		.19 .0	2 .14	.02			.0	.94				.05				.61	38	
CRESSON 2 SE EBENSBURG EVERETT 1 SW	1.4	9		.70 .23 T .15	.24 T				T .0	• SO				T				.76	.05	
HUNTINGOON HYNDMAN	1.0	2	.16	.30 .32 .0					.0	3			3	.07	.01		1		.02	
JOHNSTOWN KEGG MARLETON DEPOT	1.7 1.9 1.5	2	.18	.37 .0 .1	9 .39				.0	.16			)) <sub>T</sub>	T			1	.02 .52 .91	. 35	
MARTINSBURG FAA AP MC CONNELLSBURG	1.7	6	.35	.23	• 27			1	.0				1	.01				.84	. 12 T	
SAXTON TYRONE 4 NE BALO EAGLE WILLIAMSBURG	1.2 2.0 1.6	7	T T	.02 .20 .10	.31 .40			V	. O	3 .65 .16				•11 •14 •05				.63	.15 .13	
WOLFSBURG SOUTHWEST PLATEAU	1.4	3	.01	.15	, 23						1									
ACMETONIA LOCK 3 BAKERSTOWN 3 WNW	1.0	9	T .06	T T	T T				. 6	9 • 39 5 • 37 2 • 70	1		т	.03		Ji .		.02	.06 .05	
BEAVER FALLS BLAIRSVILLE 6 ENE BOSWELL 1 SW	2.0	13	.70	.01 .06 .0		2			. 6	0 •11			Т	.11				.78	.11	
BRAGGOCK LOCK 2 BRUCETON 1 S	.6	6	.05	. 49					.0	.09 .02 .10			.03					.08	.02	
BURGETTSTOWN 2 W BUTLER CHARLEROI LOCK 4	1.2	15	.02 .01		71					01 .03				•10				.15	.02	
CLAYSVILLE 3 W CONFLUENCE 1 SW OAM	2.0	01 .01	.04	1.13 T	*O:	2 T	•02			03 T 11 +03 16 +05				• 02				.02 .78 .76	.24 .30 .12	
CONFLUENCE 1 NW CONNELLSVILLE CORAOROLIS NEVILLE IS	1.6	53	Ť	.96 .0 .28	01	1			Ť	•17 •67				•10			-	•	.03	
CREEKSTOE OONEGAL	1:		.05	111	10				T T	.38	-			*10 T				.62 .23 .07	.D7.	
OONDRA FORO CITY & S DAM GLENWILLARO DASH DAM	i	0.1	. 02	. 24					•	26 .57 26 .38									.07	
GREENSBORD LOCK 7 INDIANA 3 SE KITTANNING LOCK 7	1.1	64 27	.02	1.37	0 0 0 0	3 .02			:	13 .07 19 .93 37 .65 28 1.48				•0				.26 .28 .06 .34	.04 T	
KITTANNING LOCK 7 MARION CENTER 2 SE MC KEESPORT	1.	21	T	1.04 T				1		28 1.48	05		1	*1: T				.12	.11	
MEYERSOALE 1 W MONTGOMERY L AND O NATRONA LOCK 4		99 30	. 03 T		05 ±0		T		:	65 .S0 07 .17 85 .S7				1 2	0			.04	.02	
NEW CASTLE 1 N	1.	84 T	.03	1.00	02 .1	2 T	Т		•	85 .57 05 .10			.1	+1	5			.50 .25		
NEW STANTON PARKER PITTSBURGH WB AP 2 /	/R [.	76 40 T	. 1	7 .07 6 T T		8			.10	54 .SS 62 T 21 T			, , , , , , , , , , , , , , , , , , ,	.3				.04	.04	
PITTSBURGH WB CITY PUTNEYVILLE 2 SE OAM	R 2.	66 .02 .01	. 0	2 .21	02 .3	15				04 .09				•1		M.		.18	.08	
RICES LANDING L 6 SAGAMORE 1 S SALINA 3 W	2.	49 07 71 .02	T T	15 10 T T	T 1	.02			:	45 1.03 21 .28 20 .50				• 1 T				.12 .18 .05	.03	
SCHENLEY LOCK 5 SLIRPERY ROCK	2 .	78 53		.09		06			•	78 1.26				• 2	9	1		. 85	. D5	
SOMERSET FAIRVIEW ST STOYSTOWN UNIONTOWN	2.	69 31 12	.0	1.10 . 3 .43 T		)S			:	01 .06 .04 .12 .03 .31				• 0 T				.87 .45	.04	
VANOERGRIFT WAYNESBURG 1 E		53 52 T	.0	2 .25 1	r r	02			,	.04 .05 .36 .75								.14	.02	
WHITESBURG NORTHWEST PLATEAU	1.	. 28		1	T T					, 70										
BARNES BRADFORD FAA AIRPDRT	2.	07	T . S	.35 1 2 .02 . 2 .65 6 .03 1	T .	11			.02 1	.46 .32 .12 T .73 .40			.10	74 76 • 2 93 • 0				.08	.05	
BRADFDRO CNTRL FS BRAOFORD 4 W RES CARTER CAMP 2 W	2	83 75 27	. S	2 .65 6 .03 1.05	т .	06				90 .14 .65 .38				76 • 2 93 • 0 30 1• 2	5			.17	.32	
CARIER CAMP 2 W				1																

Continued	_																														SCPTI	EMBER	1963
Station	otal													Day	of I	donth																	
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	) :	21	22	23	24	25	26	27	28	29	30	31
CLARION 3 SW CLERMONT & NW CONNEAUTVILLE COOKSBURG CORRY	2,37 3,86 2,52 2,84 2,06		L	.19 .A7	.09	.02	.33 .23		т	.06		1	.58 .88 .81 .82	.34 .44 .13 .13								24 1	•31 •05 •44		, 39						.02	.13	
COUDERSPORT 3 NW COUDERSPORT 6 E OU BOLS FAA AIRPORT EAST BRACY EDINBORO ERIE WB AIRPORT	4.27 3.74 3.32 2.46		T T	.70	.74 1.00	T .01 .89	.15 .18 .01		-	-	-10	.01	.88		.23	· -	-					38 83 20	.57			-	-			-	.57 .11 .19	.25	
FARRELL SHARON FRANKLIN GALETON GREENVILLE JAMESTOWN 2 NW	1.93 1.99 3.30 1.58 1.66			.14 .47	.64	T .04	.14			.04			1.28 .62 .42 .55 .67	•13 •05 •43 •08 •31								30 67	·25								.10 Y .30 .04	.40	
KANE 1 NNE LEWIS RUN 3 SE LYNCH MEADVILLE 1 S MERCER 2 NNE	3.12 3.11 2.54 2.40 2.95			.08 .03 T .71		T	.07					.30		.22								70 36	. 78 . 82 . 25 . 30						т	1	.02	.10	
NORTH EAST 2 SE RAYMONO REN RUSSELL STUMP CREEK	2.00 2.76 3.40 1.70 3.59			.17 .14 .28	.60	Ť	.17 .15 T			.02			.16 .52 1.15 .59	.47 .15								37 73 27	.22 .45 .35								.15 .05 T	.16	
TIONESTA 2 SE DAM TITUSVILLE WATER WORKS TORPEOD 4 h TURTLEPOINT 4 NE UNION CITY FILT PLANT	2.50 2.61 3.11 3.21 1.79		,0	2 .25 2 .43 T .11	.25 .03 .63 .58	,03 T	.21 .03 .10	T	T	.02			.63 .80 .85 .66	.30 .25							1	86 15 1 04	.40 .01 1.00 .40			• 0:	2	T			.06 T	.02 .11	
WARREN WEST MICKORY	2.82			.10		Т	.10			.02			1.12								90	33 38	.33									*10	

#### DAILY TEMPERATURES

PENNSYLVA	
	age

										_	_					Day	Of M	lonth						_								rerage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Aver
POCOND MOUNTAINS						_																										
BEAR CREEK DAM	MAX	70 37	71 38	75 51	75 60	66 47	59 43	64 39	74 44	76 45	78 46	71 37	73 49	80 41	55 30	62 29	65 40	68 51	64 52	74	80 53	66 44	57 34		52 22		65 29	72 35	76 48	69 52	59 37	67.8 41.1
FREELAND	MAX M1N	76 48	72 44	75 60	71 57	62 52	66 45	75 46	74 52	73 52	75 49	71 54	77 60	71 40	63 38	66 40	66 50	70 48	74 49	80 52	70 51	75 40	66 38		62 34	65 38	70 43	78 51	75 54	71 48	58 36	70.4 46.7
HAWLEY	MAX M1N	72 43	74 42	78 42	79 58	69 48	64 45	61	76 43	79 50	81 51	74 39	77 40	81 46	62 33	64 33	65 33	72 44	63 53	75 48	83 48	64 48	56	61 31	57 26	63 26	71 27	76 33	80 40	72 50	57 39	70.2 41.4
MATAMORAS	MAX M1N	78 44	81 42	80 56	78 64	72 51	65 48	79	80 46	85 45	84 54	80 41	83 59	82 48	65 35	68 35	70	71 55	79 59	88 56	79 55	69 43	67 39	65 34	64 26	70 30	79 33	83 39	77 49	67 50	66 40	75.1 45.5
MILANVILLE	MAX MIN	70 40	75 39	78 43	79 54	70 45	61 48	67 45	79 45	82 50	82 49	76 37	78 39	82 45	62 30	62 29	68 31	75 39	65 50	78 45	86 46	65 41	56 29	61 27	56 23	62 22	69 26	77 30	80 37	69 41	58 36	70.9 38.7
PLEASANT MOUNT 1 W	MAX MIN	65 40	67 39	75 42	72 58	64	62 43	65 39	72 44	75 46	74 49	66 36	72 38	75 40	55 28	61 29	65 38	70 44	64 52	71 42	78 51	61 44	54 31	56 31	50 21	59 23	65 28	70 41	73 41	63 47	55 35	65.8 39.5
SCRANTON	MAX MIN	76 48	74 46	78 49	80 60	69 51	68 50	70 45	79 45	81 53	83 56	73 44	80 45	85 39	68 37	68 39	73 41	73 53	68 55	78 51	87 50	68 48	60 39	61 38	56 31	67 30	72 34	77 37	82 46	75 52	63 41	73.1 45.1
SCRANTON WB AIRPORT	MAX M1N	74 48	79 49	79 65	68 52	65 51	67 49	79 49	80 55	82 57	75 51	78 45	85 55	58 44	68 39	72 41	72 53	67 57	76 62	85 53	72 53	58 43	61	57 38	64 31	70 36	75 40	81 53	70 58	61 48	64 42	71.4
STROUOSBURG	MAX MIN	78 42	82 38	80 55	74 54	64 52	63 44	75 43	80 46	84 50	78 50	81 38	82 58	64	67 31	69 31	67 46	66 52	77 55	85 53	70 52	62 47	64 35	55 30	65 23	69 25	78 29	83 38	78 45	62 50	65 37	72.2
TOBYHANNA	XAM	70 38	74 37	73 55	68 58	60 46	60 50	74 38	75 44	79 45	72 45	70 39	7 <b>7</b> 59	73 40	59 33	60 34	63 45	61 49	74 55	80	72 54	56 44	56 36	52 31	58 22	64 26	72 30	76 36	70 48	61 49	59 36	67.3
EAST CENTRAL MOUNTAIN																																
ALLENTOWN WB AP	MAX MIN	77 48	80 47	84 64	75 59	63 52	67 51	78 46	81 52	85 55	80 54	79 45	85 62	65 48	64 42	65 42	63 54	67 56	76 61	83 57	78 55	64 51	64	59 38	62 31	66 33	75 37	80 46	79 54	64 53	66 41	72.5 49.2
ALLENTOWN GAS CO	MAX MIN	84	78 48	83 50	86 65	75 56	65 51	67 47	80 51	82 54	86 56	80 46	81 50	87 52	65 44	65 43	65 45	63 55	68 56	78 59	84 59	80 53	64	64 42	59 32	62 34	67 38	72 41	83 53	79 57	64 43	73.9 49.5
BETHLEHEM LEHIGH UNIV	MAX	83 53	87 50	90 67	77 63	64 56	69 52	85 48	88 56	92 58	84 59	86 50	90 68	67 51	66 44	66 43	65 55	69 57	80 63	89 60	84 58	65 53	67 44	59 40	66 31	69 34	78 38	85 55	83 60	62 54	66 41	76.0 52.0
PALMERTON	MAX	76 46	80 44	82 61	71	62 51	68 49	77	78 53	83 55	76 51	77 43	84 59	63	64 36	64 37	68 52	67 55	76 61	83 56	74 59	61 50	90 38	58 35	61 29	65 31	76 35	81 42	77 50	62 51	65 40	72.3 47.3
PORT CLINTON	MAX M1N		78 39	81 44	82 58	75 51	65 42	74 43	77 47	78 48	85 46	80 37	78 41	86 45	63 30	67 31	60 35	65 49	67 51	80 52	83 51	81 47	63 34	65 28	64 24	67	70 32	76 32	85 42	80 44	68 34	74.0 40.8
210N GROVE	MAX M1N		73	78	81	68	60	70	72	78	74	76	85		58	65	65	70	71	82	78		58	60	56	67	65	72	79	74	64	70.4
SOUTHEASTERN PIEOMONT																																
COATESVILLE 1 SW	MAX M1N	82	81 46	82 49	86 65	76 59	63 53	71	78 54	82 54	84 55	80 47	80 50	87 53	63 47	60 44	58 49	62 54	66 56	73 55	83 56	85 56	63	64 42	60 33	63 32	67 34	77 43	82 50	82 50	68 44	73.6 49.1
DEVAULT 1 W	MAX M1N		80 50	83 62	75 59	64 48	65 47	75 50	78 56	81 57	78 52	78 57	85 62	72 45	65 40	58 40	58 50	64 52	71 57	81 58	82 54	61 49	62 39	59 35	62 36	66 36	73 36	70 50	80 37	65 37	65 40	71.1
EPHRATA	MAX M1N	79 54	83 50	86 64	78	71 57	73 51	78 53	81 56	85 57	81 58	80 54	86 65	70 50	68 42	60 43	61 51	66 53	76 60	83 57	81 61	67 55	66 42	62 40	64 37	69 36	76 44	83 50	82 57	69 56	68 41	74.4 52.0
GEORGE SCHOOL	MAX		78 44	83 59	84	75 59	65 50	60 45	78 51	81 53	85 54	81 47	80 52	87 52	61 45	63 44	61 46	61 50	63 55	70 57	83 58	83 53	63 43	65 40	58 31	60 31	65 33	72 35	80 43	80 52	68 41	72.5 47.8
GRATERFORO 1 E	MAX		78 45	82 46	84	74 55	63 51	65	76 54	85 53	83 54	79 46	78 65	85 53	62 44	63 44	61	60 53	61 55	73 58	82 58	81 54	62 41	63 40	58 30	62	66 33	74 36	61 47	78 58	65 44	72.2 48.6
HOLTWOOD	MAX		8 2 5 5		75 64	67 57	72 54	78 58	81 59	81 60	78 61	80 54	86 67	76 54	66 51	58 50	61 55	66 57	74 63	83 60	84 62	71 57	65 47	60 43	65 39	66 42	76 46	82 52	80 55	69 59	67 47	73.6 55.0
LANCASTER 2 NE PMP STA	MAX MIN	80	81		83		73 52	75 52	80 54	84 55	80 54	78 46		84 53	65 42	62 43	60 52	66 54	73 61	84 57	8 2 5 8	78 56	66 43	63 40	64 31	67 32	77 37	84 43	81	77 52		75.3 50.1
LANOISVILLE 2 NW	MAX	79			87		63 52	70	75 52	80 59	82 52	76 43		86 52		64 39	57 47			76 55	81 57	81 56	62 38	65 36	59 27	61	68 34	76 40	82 46	80 57	67 41	72.7 47.9
LEBANON 4 WNW	MAX	78	76 51	81	85	75	62	72			84 56			85 49		64 40	57 45	66 48	71 57	78 57	83 50	79 51	60	64 37	60 34	62 35	67 38	75 43	82 51	80 55	65 41	72.8 48.6
MARCUS HOOK	MAX	80	83	85	78			77	81 62		81		86 66	76 53			61			84		63 56	64	58 46	62 39	70	74 48	83 57	82 59	69 58	68 48	73.6 55.8
MORGANTOWN	MAX M1M	76	89	81	74		67	74			77	78 46		74		66 43	64 52	64 51	74 55	80 57	80 60	78 53	64	64 37	60 30	65	72 40	80 50	79 53	66 52		73.2 49.7
MT GRETNA 2 SE	MAX	72	76	84		69	78	76 47	80 51		88			70 47		63 40	60			70		63 48	64 38	60 35	62 30	67 30	75 37	86 45	79 43	73 42		73.5 45.8
NORRISTOWN		80	84	85	77	67	65	84	82	86	82 59			76	66 47		61			85		63 55	60		63 35	68	76 42	83 52	81 54	68 58		74.3 52.8
PHIL DREXEL INST TECH	MAX		84	82	79	67	64	77	78	86		81	86	76	62	60	60	65	68	84	86 64	64 55	66	60 45	63 42	67	73 46	84 54	82 57	68 57		73.4 55.3
PHILADELPHIA WB AP	MA	K 80	82	85 65	79	66		76	78		82	80		76	64		61 54	65	67	83		61 55	66 46	59 44	60 40	66	72 38	81 49		69 57	67 45	72.7 52.9
PHILADELPHIA PT BREEZE		ĸ	4 /	33	36	,	,,	,,,	,																							
PHOENIXVILLE 1 E	MA	x 78		85		72		77		84 53			86 63		64			65 52		83		77 53	65		61 30		75 37	81 46	81	75 55	68	74.9 49.0
QUAKERTOWN 1 E	MA	N 46	80	85	8 1		65	77	81	83	82	81	86	85	67	65	62	77	75	82	80		65	60	65 25	70		81 42	80	78 56		75.7 48.2
READING WB CITY	MA	X 78		84	77	65	71	78	82	85	81	79	87	66	66	61	62	66	77	83	82	63	67	61	63	67	76	83		68 55		73.6 53.4
WEST CHESTER		X 84	80	84	86	7.8	64	67	77	82	85	82	81	86	64	61	65	60	65	71	86	85	58	68	63	64	68	75	85	84	65	74.1
	MI	N 50	4.8	52	59	53	46	45	47	50	56	49	54	47	41	42	44	46	50	52	52	49	130	36	32	133	,	7,	1-1			1

DAILY TEMPERATURES

PENNSYLVANIA SEPTEMBER 1963

Continued
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Continued	-		-		-	-			_	-	_					Day	OLA	donth		_			_			_	-		-	-		0
Station		1	2	3	4	3	6	7	6	9	10	11	12	13	14	1S	16	17	16	19	20	21	22	23	24	25	26	27	26	29	30 31	Average
WEST GROVE 1 5E	MAX		77	81	82	75	68	70	75 50	78 55	82 58	79	78 53	85 51	61	63	60	60	64	71 57	80	83	60 43	63	58	60	67	73	80 56	79 56	74 43	72,2 50,3
LOWER SUSQUEHANNA																																
ARENDTSVILLE	MAX MIN	79 53	78 50	85 59	89	77 57	60 51	73 50	77 51	80 54	86 58	81 48	81 54	90 52	63 39	67 41	57	67 54	76 62	79 54	86 62	87 55	58	65 38	61 31	63 32	72 37	80 41	83	85 53	71 39	75.2 49.3
BLOSERVILLE 1 N		77 52	77 51	82 61	8 7 6 2	75 55	58 52	72	78 55	81 52	85 63	80 49	80 55	79 49	63 41	66 43	58 45	72 50	78 62	82 54	82 59	81 51	58 44	64 39	63 33	64 34	71 39	8 I 4 7	84 51	84 55	73 41	74.5 49.8
CARLISLE	MAX MIN	79 48	85 45	88 61	77 64	65 53	74 46	79	82 52	86 54	81 55	81 45	90 64	82 48	69 36	64 38	7 I 50	80 50	82 63	90 56	82 63	69 53	66	64 38	66 30	72 30	81 36	86 48	85 52	77 56	70 44	77.4 48.9
CHAMBERSBURG 1 ESE	MAX	77 48	82 47	85 61	79 61	65 53	74 51	79 45	82 50	85 56	8 2 5 3	80 45	87 63	75 48	69 37	58 37	72 52	80 43	80 62	8.8 50	86 61	72 51	67 36	65 31	65 28	70	78 36	83 42	84 55	74 55	69 41	76.4 47.6
GETTYSBURG	MAX	78 54	77	82 64	85 65	78 55	63 50	74 51	79 53	83 54	86 58	80 49	80 64	8 9 5 2	63 41	67 41	57 51	68 54	75 62	80 54	87 67	88 55	60	64 39	62 31	30	70 37	79 45	82 62	84 56	72 44	75.2 51.0
HANOVER	MAX	81 52	79 51	83 65	87 65	80 57	65 50	75 52	79 54	83 58	86 56	83 48	82 48	90 51	68 44	69 45	57 52	64 52	75 58	79 59	88 57	89 57	65 42	68 41	64 31	65 32	71 35	79 42	84 51	85 58	73 44	76.5 50.2
HARRISBURG W8 AP	MAX	77 50	83 48	89 65	76 59	64 55	70 52	50	78 54	83 56	78 56	47	89 64	64	65 40	56 41	66 53	72 54	78 60	84 57	81 59	50	64	61 36	61 30	70 31	78 37	84 47	51	71 53	67 42	73.5
MERCER58URG	MAX	79 49	78 46	84 54	90 62	80 54	59 51	73	77 52	81 54	87 55	83 46	79 51	90 52	70 37	70 39	60 48	77 46	83 57	84 48	85 52	85 55	50	69 44	67 34	65 38	70 39	81 41	60	86 55	74 40	77.1 48.6
5HIPPENSBURG	MAX	50	83 49	85 58	66	75 52	74 52	80 49	81 53	85 58	85 58	81 48	88 62	50	71 38	67 40	72 52	80 46	82 62	86 54	85 56	80 56	65 40	36	66 29	30	80 37	48	58	78 58	70 42	78.6
YORK 3 55% PUMP STA	MAX	78 48	83 46	88 66	67	75 55	74	79 49	82 52	87 53	51	81 43	90 67	53	68 38	66 38	53	69 53	60	54	88 57	81 57	67 36	31	65 26	70 29	79 36	84 42	51	80 57	72 40	78.1 48.6
MIDDLE SUSQUEHANNA																																
BERWICK	MAX	77	81 45	81 64	54	61 48	73 47	79 46	53	85 53	51	81	87 56	61	38	38	76 53	72 49	61	53	70 54	64 48	35	59 37	65 28	70	34	82 40	47	50	66 39	73.7
ENGLISH CENTER	MAX	40	75 39	83 39	75 56	43	59 46		76 39	8 l 4 9	49	73 37	78 37	82 40	63 31	67 32	70 33	38	83 36	84	85 41		32	59 30	58 25	24	69 24	76 31	37	78 47	32	37.4
LAURELTON STATE VIL	MAX	2.2	70			7,	EO	75	79	0.1	85	78	82	90	65	70	61	76	84	85	87	78	60	62	63	66	73	80	84	83	74	76,2
LEWISTOWN	MAX	50	78 47	83 47	63	74 56	59 53	51	50 75	81 54 78	56	47	47	52	38	38	40	45 75	44 76	43	49	73	40	35	31	29	31	33	81	50	42 68	45.2
MILLVILLE 2 5W	MAX	73 45	75	80	78	67 49 73	59 46 63	45	45 79	50	53	42	40 80	45	33	33	34	48	48	50	50	43	35	34	27	27	27	34	45	51	39 73	76.2
NEWPORT	MAX	78 49 77	80 48 79	83 48 83	88 65 83	56 71	50	50	50 79	55	55	45 78	45	51	38	37	39	45 78	45	59	54	51 71	37	34	29	29	30	35 78	42	50	71	45.4
SUNBURY	MAX MIN MAX	44	74	79	62	51	47	47	48	51	50	41	41	45	32	34	35	68	45 71	55	53	45	36	34	27	28	30	33	40	53	35	42.5
TOWER CITY 2 E	MIN	43	41	45 76	62	55	45	44	46 78	50	48	40	42	48	36	33	43	51	58	54	52	48	36	31	25	26	29 78	35	40	45	43	43.1
WILLIAMSPORT W8 AP  UPPER SUSQUEHANNA	MIN	49	48	66	51	50	50	47	54	56	51	45	54	43	37	38	49	47	54	51	52	44	40	37	30	31	37	45	51	49	41	46.6
AUSTINBURG 2 W	MAX	70	72	78	73	56	67	73	70	78	79	69	75	77	60	68	71	74	79	80	81	54	62	56	56	63	70	75	79	68	69	70.1
CANTON 1 NW	MIN	44	39	48	55	38	46	40	39 72	47 75	79	37 68	42 73	40	28	31 65	33 69	39 70	40 75	39 78	43 82	41 56	33 55	29 56	22 52	61	29	37 75	76	47 68	34 63	38.9
DIXON	MIN	48	45 75	49	58 76	69	41	70	45 78	52 79	56	41 73	43 79	39 85	30 65	33 69	70	46 73	45 71	48	48 85	34 67	60	35 61	30 57	63	37 69	39 77	80	70	36 60	71.8
EAGLES MERE	MIN	42	41 67	41	61	43	55	64	69	50 72	74	39 64	41 69	74	32 52	32 60	62	45 66	50 70	48 72	47 76	45 59	36 54	34 52	27 48	26 56	26 59	30 68	73	53 67	38 60	40.8
LAWRENCEVILLE 2 5	MIN	42	47 78	50 75	57	61	45 73	72	49 79	56 80	55 75	38 75	40 79	47 68	37 68	37 75	75	47 82	48 81	54 84	54 75	39 54	37 60	33 55	31 65	73	36 72	80	73	70	34 62	43.7 72.1
MONTRO5E	MIN	41	41 69	56 75	55	60	45 63	64	49 75	62 77	76	42 67	65 73	77	32 56	35 63	67	35 69	45 68	75	48 80	42 59	35 58	29 57	25 52	60	30 66	40 73	75	64	32 60	67.3
TOWANDA 1 ESE	MIN	74	41 80	46 75	70	60	70	78	80	80	75	40 77	41 82	72	33 65	33 70	74	79	47 82	85	78	40 58	60	31 55	61	69	77		74	65	63	72.3
WELL5BORO 3 S	MIN		73	59 78		57	45 52	69	50 73	52 76	78	38 67	73	76			68	70	75	78	50 81	55	53		25 52		31 65	74	75	66	68	67.7
CENTRAL MOUNTAINS	MIN	45	44	46	56	41	43	45	47	53	52	40	44	37	29	30	40	42	44	47	50	40	35	32	21	27	35	41	50	50	34	41.5
BELLEFONTE 4 S		82		79		71					82	77 41	72 44	85	61	70 34	65	74 41	80 46	82 45		71 39	69	58 30	60 26	62	70 30	78 32		83 53		73.7
DU 8015 7 E	MIN	69	73	80	74	65	51 68	70	76	76 52	75	72 41	78	74	61	63	71	75	76	77	74 59	63	59	56	59 28	66	72	73	73	71		70.2
EMPORIUM 1 N	MIN MAX MIN		70 44	61 74 44	73 55	61	50 54 43	43 68 46	70 46	52 76 50	77	69	73 38	77	59	63	66	73 39	78 39	80		63	59	54 26	55 21	60	68 28	72 29	75	74 46	67	68.9
KARTHAU5	MAX	75	-14	78 55	81	72	56 45	72	75 44	80 50	81	75 41	75 41	82	64	66	68	74 39	80	81		66	63	60	60	63	71 28	76 30	78	78		72.4
LOCK HAVEN		72	76 43	81 47	80		58 50	72		81 53	84	78 42	77	84	67 34	69 36	69	74 40	84	82	83	64	62		63	65	70 30	77 35	80	78	72 33	73.6 41.7
MADERA	MAX	69	70 39	75 40	83	71 47	55 49	71 45		77	70		79 43	59	63	60	61		75 36	76 41	77	72 45	61	57		57	65 27	71	75	74 47	69	68.8
PHILIPSBURG FAA AP	MAX	69	75 38	78	68	52	66 45	68	73 47	77	70	71	78 49	57		59	70	75	76	77	70	58 38	53	55 25	56	63	71	74	74	66		67.2 39.8
		1	20	00	1.7			-0		-			,	1		•	1									1			1			1

Con	dim.	***	A.

																																9
Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	Day (	Of Mo	onth 17	18	19	20	21	22	23	24	25	28	27	28	29	30 31	Average
RENOVO	MAX	77	78	82	78	69	58	76	75	82	85	78	79	83	66	69		75 45	81	87 50		63 48		59 36	61	62	69 33	78 36	81	80	74 36	74.0
RIDGWAY	MIN'	51 67	48 71	49 72	77	48 66	49 58	49 72	73	79	79	72	77	78	62	67	69	74	77	78	80	62	61	57 31	58 27	64	70 31	74 31	75 38	76 45	67 31	70.4
STATE COLLEGE	M1N MAX	45 72	42 73	42 80	58	47 69	48 55	71						84	30 60	63	60	73	78	81	82	71	58	58	59	62	69	77	78 52	78	70 39	71.7
	MIN	48	48	52	63	50	51	49	51	54	56	46	50	45	37	40	42	45	50	50	54	46	38	36	31	34	35	42	26	"	37	40.3
SOUTH CENTRAL MOUNTAINS	MAX	73	79	86	75	65	70	77	79	82	77	78	86	69	66	63	74	80	82	84		69		63	63	71	78	79	80	72	65	74.1
ALTOONA HORSESHOE CRVE	MIN	48	47	59	61	54	51	50 75	52 80		54 84	79	59 88	45	35 69	67	72	80	51 81	52 86	85	46 82	63	63	61	68	38 79	50 88	83	82	38 75	76.9
BURNT CABINS 2 NE	MIN	76	45	61	50	52	52	46	51		51 73	76	68	50	34 62	39 60		39 73	50 76	80		53 67	57	29 59	62	68	71	72	76	55 65	37 60	70.0
EBEN5BURG	MAX	71 45	78 40	60	73 59	61 48	65 49	73 48	76 48	53	48	43	62	43	38	43 63	50	39 73	80	41	55 85	45 65	35 66	29	30 58	32 69	30 74	38 78	50	48 78	34 76	75.9
EVERETT 1 SW	MAX	67 48	72 48	80 58	62	80 55	73 53	78 56	86 56	83 53	84 48	86 47	88 57	88	66	47	46	38	40	42	50	45	34	32	25	62	32	38	46	48	42	76.6
HUNTINGOON	MAX	76 43	77 43	83 49	61	77 51	60 53	73	81 55	80 55	84 53	78 46	80 46	88	63 36				82 54	45		83 47		32	62 27	29			0.2		71	77.3
JOHNSTOWN	MAX	83 49	82 46	83 52	87 63	80 56	74 54	71 52	79 54	83 53	84 50	79 45	79 50	84 45	68 35	70 40	70 50	78 42	45	83 46	85 52	80 43	70 40	63 34	63 30	68 34	74 34	79 40	82 45	56	37	45.7
KFGG	MAX MIN	75 47	83 43	88 59	75 58	59 53	70 53	79 48	81 51	84 52	80 53	78 45	86 58	73 40	68 38	66 39	76 51	74 49	84 52	84	84 60	82 58	36	65 30	65 29	72 28	33	81 45	50	72 50	38	75.8
MARTINSBURG FAA AP	MAX MIN		80 49	85 61	73 52	55 51	66 51	75 49	78 53	82 57	76 54	77 45	85 66	66 45	66 35	59 41	74 50	79 45	80 54	84 51	79 54	59 48	60 37	60 34	64 30	67 33	77 40	80 52	80 55	71 47	63 37	72.5 47.5
SOUTHWEST PLATEAU																																
BAKERSTOWN 3 WNW	MAX		78 50	86 62	78 61	67 54	69 56	78 47	82 52	82 55	75 55	83 50	85 64	67 45	69 39	70 41	72	80 49	81 48	83 46	75 59	66 50	59 36	59 38	64 34	69 36	74 39	76 46	78 55	71 48	68 33	73.9 48.2
BLAIRSVILLE 6 ENE	MAX	71	77	79 63	68	58 53	63 50	72	76 55	77 58	77	74 54	79 63	60	62 42	63	71	75 50	76 50	79 54	71 60	64	57 39	57 38	61 37	69	72 46	76 52	76 52	66 46	59 34	69.5
BURGETTSTOWN 2 W	MAX	70	75	80	85	69	69	66	75 46	82 51	81	75 43	85	85 48	63 33	72 36	72 41	75 38	78 38	79	83	75 52	67	61	63 27	67	73 28	78 36	77	79 45	70 27	74.3 41.0
BUTLER	MIN		40	41 81	82	72	63	71	70	81	82	71	85	85	64		71	74 39	80 41	82	84 45	70 49		66 31	63	67	74 31	77 34	78		77 32	75.0 42.1
CLAYSVILLE 3 W	MIN	77	84	40 85	77	72	70	77	83	52 84	80	85	86	72	75	75	80	83	85	87	80	73 55	65	67 27	70	73	80	80	82	74 52	68	77.6 42.4
CONFLUENCE 1 5W DAM	MIN	172	38 74	61 80	82		51 65	67	51 75	52 80	80	75	55 79	50 82	30 64	37 65	67	75	80	79	59 80	80	65	61	65	65	72	76	77	78 43		73.4
	MAX	49	48	49	58	57	55 65	70	53 76	54 78	74	74	47 78	51	34 68	35 70	71	47 75	74	78	72	53 61	57	36 58	62	70	68	75	78			69.7
OONEGAL	MAX	42	37	57	56 75	1 56		48	49 82	50 84	82	45 85	60 88	80	70	42 72	78	36 79	84	85	58 82	46 75	65	25 67	34 67	75	80	82		75	70	77.7
OONORA	MIN	50		63	62	57	57	71	57	59	55 82	52 76	70 85	86	41 65	45 70	72	50 74	47 81	80	60 84	53 74	67	36 61	35 62	68	40 75	79	80	79	71	75.1
FORO CITY 4 5 DAM	MAX M18	47	45	44	61	. 54	53	48	47	54	51	45	47	68	33 69	35 70	39 75	42 81	45 81	83	74	48 68	61	34 63	29 66	75	33 77		79			43.3
INOIANA 3 SE	MAX M1P	43				5 5 5	55	76 46	81 52	53	76	82 45	85 64	47	33	35	45	40		80	54	48	34	28	29 62	71	32 74					71.0
MARION CENTER 2 5E	KAM 11 M							48	78 55	79 55	51	80 51	61	65 42	65 38	65 43	51	78 42	48	48	58	45	38	31	34	40	48	46	49	47		75.6
MONTGOMERY L AND D	MAX							77 50	81 56	83 58	77 54	85 49	85 65	69 48	72 40	73 45	45	81 49		83 49	58	72 51	39	39	68 34	73 35	38	46	49	52	38	48.7
NEW CASTLE 1 N	MAX M1	76 46	79 43					78 47	83 55	84 49	81 51	84	84 64	69 45	72 36		76	82 43		85 43		66 44	35	35	31		35	42	47	49	31	45.2 80.1
NEWELL	MA:	X 76	80					71 51		89 57	88 55	82 49		90 50			76 45	82 47		83		82 55	42						47	56		49.1
NEW STANTON	MA:							78 47		81 56	83 49		8 9 5 2	79 53			78 48	83 43		86		72 45	62 37			77					67	77.1 45.7
PITTSBURGH WB AP 2	MA:							77		81 55	77 55		86 55	64 48	71 39		73 45	79 50		83 49		68 46	62 42									74.6
PITTSBURGH WB C1TY	AM IM		, A(	0 87				79			79			66 51			75 50	81 51				69 52	61 45									75.8 52.5
PUTNEYVILLE 2 SE DAM	AM IM	x 70	) 7	4 78	8 8	4 73	3 57	68	74	81	79 51			83			68					70 45	64								6 69 0 31	72.2 42.9
SALINA 3 W	AM IM	X 75	5 8	0 84	. 7	9 71	1 68	76	81	83	79	82	87	77				80				72 50										75.7 45.8
5LIPPERY ROCK	MA	X 74	7	7 80	7	7 68	8 69	76	80	81	76	83	80	66	68	69	72	80	80			67 47									9 66 7 38	73.4 48.3
STOYSTOWN	MA		. 7	2 7	9 8	7 51	0 56	65	74	77	78	74	75	81	60	63	63	71	78	78	80	78	64	59	61	62					9 68 0 31	71.3
UNIONTOWN	MI	X 76	5 8	1 84	4 8	0 5	1 68	76	81	83	80	84	84	76	69	71	76	79	81	8	2 79	76	66	63	67	74	. 7	6 8	0 8		3 65 6 38	76.1 50.5
WAYNESBURG 1 E	I M	N 40		7 64	6	3 6			78	82	84	80	84	87	65	72	74	78	8 8 2	84	85	80	6.8		3 65	69	7 2	4 7	9 8	0 7		76.5
			7 4			3 5				52		44	46	51	. 34	. 34	40	39	39	41	0 43	53	33	. 29	, 20			, ,		,		
NORTHWEST PLATEAU					, ,	1 5			3 74	74	67	7.4	71	57	6.5	5 67	70	75	5 75	7	5 62			5 5 5			B 7				4 57	66.5
BRAOFORO FAA AIRPORT	M3	N 4		0 5	9 4	4 4		4	2 50	50	43	41		36	. 29	9 36 5 68	72	31	7 40 5 71	7	2 44 7 74	35				68	3 7	2 7	4 7	2 6	6 27 9 59	39.9
BRAOFORO 4 W RE5				8 5			6 69	4	1 76	5 52					30	32	40	36	8 36		9 51		31					2 4	3   5	2 4	5 32	41.0

#### DAILY TEMPERATURES

PENNSYLVANIA

Continued										7 11					321.													_	_	>E	PIEMBER	
																Day	Of M	ionth														erage
Station		1	2	3	4	3	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30 3	1 2
CLARION 3 SW	MAX MIN		79	81 57	76 59	65	72 50	76 46	81	79 53	73 51	82	81	68 42	67	69 37	75 46	80 41	19 42	82 43	74 58	63	60 32	62 30	65 28		77 33	77 40	76 42	68 45	65 32	73.2 43.5
CLERMONT 4 NW	MAX MIN		73 32	72 48	65	5.8 4.0	69 50	72 42	73 48	75 50	72	74 36	74 60	68	6.8 2.6	72 29	73	74 36	76 34	78 36	70 50	56 38	5 2 2 9	50 24	60 19	65	72 26	75 38	78 44	72 42	5 8 2 8	68.7
CONNEAUTVILLE	MAX M1N		73 45	78 60	83	66 47	71 49	74	79 54	83 50	80	71 43	85 58	78 45	60 34	14	75 37	77 39	77 38	80 45	85 56	61 36	61	60 30	5 9 30	69 38	75 38	79 43	79 45	73 52	63 32	73.3 43.9
ORRY	MAX	72	74 43	78 60	71	64	72 48	73	79 53	78 50	71	78 42	75 56	60 40	70 30	72 38	75 44	78 43	77 40	81	71 54	60 40	58 32	58 31	65 28	70 36	75 35	75 41	73 52	68	62 31	71.1
OUGERSPORT 3 NW	MAX MIN		72 33	72 51	67	53 34	70 45	69	73	76 48	66	69	73 49	58 37	64 26	67	73	76 33	76 36	77 35	66 46	54 38	54	54 24	61	65	73 27	74 36	70 44	66 41	58 39	67.1
U BOIS FAA AIRPORT	MAX M1N		77	79	68	55 48	68 50	71	77 54	76 55	74 52	78 46	75 44	61	65 35	66 41	73 50	79 46	76 52	78 48	66 51	60	5 6 3 6	58 34	63 32	72 37	72 38	73 46	73 49	64 38	60 33	69.4
EAST BRADY	MAX MIN		82	84	79	77 53	75 55	79	85 57	84 52	80 56	86 52	87 50	82	72 37	75 42	75 45	82 46	82 47	85 46	83 61	68 50		72 35	67 33	75 35	80 36	80 44	80 48	70 53	6 B 3 4	77.8
RIE WB AIRPORT	MAX	70	78 55	76 64	65	69 50	69 55	78	78 60	75 55	68	83 53	72 51	56	68	71 49	66 51	70 46	72 48	82 55	63 50	5 8 4 2	59 43	55 39	62 39	73 48	77 53	76 53	63 54	63 47	63	69.3
FARRELL SHARON	MAX		80	84	77	69 55	71 57	79	85 49	83 57	77	86 55	83	65	72 42	73 44	76 43	82	87 49	88 51	8 2 5 9	64 45	64	68 37	75 40	77 41	84	85 48	82 56	72 49	68 38	77.2
RANKLIN	MAX M1N		75 49	77 54	79	77	69 51	71	76 47	81 55	81	75 51	80 63	80	65 44	68 35	70	75 46	81 46	8 2 4 8	84 58	79 47	62 45	60 35	62 35	65	75 34	78 35	79 43	78 48	69 38	74.1
SREENVILLE	MAX MIN		78 43	81	76	70 51	74 55	77	82 56	85 52	82 52	83 46	84	67	74 37	75 41	80	83 42	8 4 4 2	86 45	80 57	63	64	65 31	6 9 3 2	75 37	82 42	77 47	77	70 48	70 34	76.
JAMESTOWN 2 NW	MAX MIN	68	74 46	78 51	82 59	70 51	68 52	70	78 48	82 50	79	73 44	82 53	77	62 37	69 41	71	74 41	78 39	78 43	85 50	62 41	61	61 30	61 34	66	72 37	79 41	79 44	73 46	64 33	72.5
KANE 1 NNE	MAX MIN		70 33	70 51	76 57		57 45	70 38	72	77 49	77 48	70 34	75 57	75 41	60	65 28	69	72 33	76 34	77 35	79 37	60	58 32	56 28	57 21	63	68 28	73 29	75 37		67 27	68.8
MEAOVILLE 1 5	MAX MIN		73	77 47	81		63 50	71	77 47	81 52	79 51	71 45	81 51	76 43	61 36	69 42	72 43	76 44	78 43	81	82 47	60 41		59 35	5 9 3 2	66 35	73 37	78 38	77	74 46	65 33	71.8
MERCER 2 NNE		74		80 62	79 59		70 53	76	81 54	81 51	75 48	82	80 62	66	68 38	69	75 36	80 36	82 37	84	80 59	62 42	60 30	61 30	64 32	71 35	78 31	78 37	77	73 47	66 29	73.9
TIONESTA 2 SE DAM	MAX		74	74 45	77		57 51	70	73 50	79 55	76 51	73 45	78 46	78 43	63 36	65 35	70 38	74 46	79 46	76 46	82 48	65 45	62 35	60 35	59 32	64	70 35	75 36	75 44	74 46	66 35	70.
TITUSVILLE WATER WORKS	MAX M1N		76 37	79 54	74		71 52	74	80 51	79 52	73 45	79 39	76 59	61	69 30		76 43	79 40	78 41	81	74 54	73 43	68	59 31	66 24	71	76 31	76 37	74	68 45	65 31	72.
WARREN		73	76 42	80 60	74	60	72 48	75	81 52	79 57	72 52	78 44	76 57	61	69 32	72 36	75 48	78 45	78 45	82	70 54	60 42	57 38	58 34	65 28	70 35	76 35	78 43	73 50	68 45	67 37	71.

# EVAPORATION AND WIND

																Day	of mo	onth															Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
POCONO MOUNTAINS																																	
BEAR CREEK CAM	EVAP WIND MAX MIN	55	. 20 47 75 46	.16 46 77 47	05 66 72 60	.16 72 69 51	47 56	.07 34 62 45	.15 41 76 46	•15 40 76 52	.15 39 80 54	.20 59 74 45	· 16 74 74 47	13	.13 66 61 37	• 16 52 68 38	50 62	64 50	.03 40 62 52	29 75 53	38 78	02 50 69 49	50 58	15 75 60 37	.15 77 58 37	64	60	67 38	.18 58 72 45	.07 81 71 51	90 57 39		4.74 1571 68.1 45.5
SOUTHEASTERN PLEOMONT																																	
LANO15VILLE 2 NW	EVAP WIND MAX MIN	82	.05 33 82 51	.21 .4 .85 .53	27 98	.17 42 82 60	.07 41 65 53	.09 1 79 53	.10 4 84 59	.11 3 87 60	.11 4 88 58	11 85	.09 9 85 51	30 85	.13 28 73 45	.11 21 75 45	02 13 57 46	01 5 64 53	.04 11 67 52	.07 17 78 60	. 13 6 84 60	.03 18 80 60	39 74 44	72 70 33	60 67 36	18	.11 20 72 37	.13 13 78 39	29 80 46		.60 41 79 46		4.25 651 77.8 50.4
CENTRAL MOUNTAINS																																	
BELLEFONTE 4 5	EVAP WIND MAX MIN	.15 17 86 59	.15 92 81 49	. 25 54 84 49	.13 71 82 62	.16 43 81 51	22 58 51	.20 17 84 52	.21 17 81 54	.06 50 84 54	.16 34 86 57	31 82		113	64 65 40	.23 19 72 36	30 69	.19 23 74 50	27 79 50	33 84	68 79 45	.09 19 70 41	.08 32 65 35	.07 49 60 38	33 56	40 66	.15 35 70 38	48	36 82	80	.18 146 60 36		4.99 1430 75.2 47.0
SOUTHWEST PLATEAU																										ŀ							
CONFLUENCE 1 5W OAM	EVAP		.12	.15 26	·13	.10 35	.08 42	.05 28	·10	.13	·14 37	.14	•11. 34	. 18 86	.09 51	· 15	.16 62	30	16	.13	29	.09 26	47	·10	40	46	.13	33	41		.14 57		124
FORO CITY 4 5 DAM	EVAP			.14	·15		.06 46	11	·12					.21 100		• 15 37	. 15 36			.17				. 12 48				27					113
NORTHWEST PLATEAU									1																								1
JAMESTOWN 2 NW	EVAP			·13	.09 45	.10 31		.09 17	·11 28	.14	·17	· 14 31	·15	·14 73	. 24 46	.02 30	·12	·10	.14	13	.20	43	24	28	18	36	26	17		.09			3.3
KANE 1 NNE	EVAP WIND MAX MIN	.08 21 70 55	.13 19 78 48	.09 6 76 48	30 73	18	57	.12 9 77 51	.10 10 76		.10 16 84 62	14 76	.22 23 78 48	52 75	73	.10 15 73 41	19	.12 9 79 48	.15 16 79 49	13	.06 16 76 49	.05 10 61 49	.11 17 64 42	60	18	13	.09 13 69 41		72	.09 12 75 51	24 67		3.0 52 72.

																Day o	of mo	nth															rage
STATION AND DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELO R5CH LA8																																	
8 INCHE5	MAX MIN	71 66	70 67	70 68	69 66	66 64	68 64	68 64	71 66	72 68	71 68	70 67	70 66	66 63	63 59	64 60	65 61	66 62	66 62	67	67	63 59	62 59	61 58	60 55	61 56	63 58	61	63	61			66.2
LANGISVILLE 2 NW																																	
2 INCHE5	8 AM	60	58	64	66	60	57	58	60	62	61	59	63	60	54	53	55	56	59	59	60	59	54	50	47	47	48	50	53	53	52		56.6
STATE COLLEGE 2																										١							70.3
2 INCHE5	MAX	73 59	78 58	77 65	75 67	67 60	74 60	72 58	75 60	77 62	62 62	73 58	77 65	67 59	69 52	66 52		72 55	76 61	73 58	67 61	66 57	62 52	65 48	65 47	66 48	69 49	70 54	73 56	68 58	62 51		57.0
4 INCHE5	MA X MIN	71 61	74 60	74 66	74 68	68 61	71 60	70 60	72 62	73 63	72 64	70 60	73 65	67 61	66 55	64 55	68 59	69 58	72 62	70 60	66 63	64 59	61 55	62 51	62 50	63 50	65 52	67 55	68 58	65 60	61 54		68.1 58.9
8 INCHES	MAX	68 64	70 64	71 67	71 68	68	68	67 63	68 64	70 66	69 66	67 64	70 66	68 64	64 60	63 59	65 61	65 61	68 63	67 63	66 64	64 62	62 59	60 56	60 55			63 58	64 60	64 62	62 58		65.8
12 INCHE5	MA X MIN	68 66	68 65	68	69 68	68 65	66 64	65 64	66 64	67 66	67 66	67 65	67 66	67 65	65 63	63 62	63 62	63 62	65 63	65 64	65 64	64 63	63 61	61 59	60 58			61 59		62 62	62 60		64.5
16 INCHES	MAX	68 67	67 66	67 66	68 67	68 67	67 65	65 65	65 65	66 65	67 66	67 65	66 65	67 66	66 64	64 63	63 63	64 63	64	65 64	65 64	64 63	63 62	62 61	61			60 60		62 61	62 60		64.5 63.5
20 1NCHE5	MAX	68 66	67 66	67 66	68 67	68 66	66 65	65 64	65 64	66 65	67 66	66 65	66 65	67 66	66 64	64 63	64 63	64 63	64	65 64	65 64	64 63	63 62					61 60	61 60	62	62 61		64.6

ER1E CO F1ELO RSCH LAB - MAX ANO M1N FOR 24 HOURS ENDING AT MIDNIGHT.

SLOPE OF GROUND: FLAT. SOIL TYPE: LAKE TERRACE CLASSIFIED AS CONDITION GRAVELLY LOAM, GROUND COVER. RYEGRASS
AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

- SLOPE OF GROUNG: GENTLE SLOPE TO THE WEST. SOIL TYPE: DUFFIELD CLAY LOAM, GROUND COVER: PERMANENT BLUEGRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION: WESTON ELECTRIC SOIL THERMOMETER. LANOISVILLE 2 NW

- MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.
5LOPE OF GROUND: GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE: HAGERSTOWN SILT LOAM. GROUND COVER: KENTUCKY BLUEGRASS
KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING
POTENTIOMETER. STATE COLLEGE 2

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve humi	idity ave	rages -		Numb	er of da	ys with	precipi	itation			runeet
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7,00 AM EST	1:00 PM EST	7:00 PM EST	Trace	.0109	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to
ALLENTOWN W8 AIRPORT	ENE	11	7.9	44++	55E	12	82	86	52	68	4	2	1	1	2	1	11	-	5.4
ERIE W8 AIRPORT	5	14	12.3	32++	WSW	27	78	77	57	70	2	0	6	0	0	0	8	-	5.0
HARRISBURG W8 AIRPORT	W	12	7.3	24	NW	22+	81	83	51	61	5	3	0	0	2	0	10	63	5.6
PHILAGELPHIA WB ALRPORT	W5W	15	9.0	25	N	13+	77	80	57	71	3	4	0	1	2	1	11	57	5.5
PITT58URGH W8 AIRPORT 2	N	12	7.0	24++	NW	3	74	82	43	56	5	1	1	2	0	0	9	71	5.7
READING WE CITY	N‡	-	8.6	34	NW#	3	-	-	-	-	3	3	1	1	0	2	10	63	5.3
SCRANTON W8 AIRPORT	ENE	12	6.9	24	NW	29	83	89	56	64	2	2	3	0	1	0	8	61	5.8
WILLIAMSPORT W8 AIRPORT	NNW	12	7.2	23++	W	12	85	90	49	61	. 3	2	2	2	0	0	9		6.1

<sup>\*</sup> TO 8 COMPASS POINTS ONLY

STATION	ON COUNTY	DRAINAGE : LATITUDE	LONGITUDE	DESERVATION TABLE TO	AND ES	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LONGITUDE	NOTA I	ERVATION ME AND ABLES	OBSERVER
ACMETONIA LOCK 9 ALLENS MILLS ALLENIONN WB AP ALLENIONN GAS CO ALTOGNA MORSESHOE CURV ALVIN R RIUSH (NAM APPOLLO ? W ARY NOTS Y LLE AUST I NOURG 2 W BAKERSIONN 3 WHM	O022 ALLEGHENY O099 JEFFERSON O1106 LEHIGH O111 LEHIGH FO134 BLAIF O147 CLINTON 0204 WESTMORELAND 0228 BDAMS O115 TIOCA	1 AD 52 1 A1 12 9 AO 38 9 AO 38 6 AO 30 16 A1 22 7 AO 35 15 39 55 15 A2 OO 1 AD 59	79 49 78 35 75 28 75 28 75 28 77 46 79 16 77 16 77 18 77 32 79 39	748 7A 1600 7B MID MID 254 7A 7A 1500 8P 6P 910 1060 710 8A 8A 1990 7A 7A 1250 3P 1P	C H	CORPS OF ENGINEERS CMARLES H. ALLEN U.S. WEATHER BURLAU LEHIGH VALLEY GAS DIV. ALTOONA WATER BUR. ALVIN R BUSH DAM EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO O. BACON POH. CUT ELOWER CO.	LARE MINISTAN LAKCVILLE I NAF LANCASTER 2 NE PUMP STI LANCASTER 2 NE FILT PL LANDISVILLE 2 NM LANDELTON STATE VILLAGI CAMER NOFVILLE 2 S LPRANON A MAW LEBANON 3 SM LEBANON 3 SM	4763 4778 EA855 A875 A893 4896	WAYNE LANCASTER LANCASTER LANCASTER UNION	5 41 15 5 41 27 15 40 03 15 40 07 15 40 07 15 40 54 15 41 59 15 40 19 9 40 50	75 05 75 18 74 17 76 17 76 26 77 13 77 07 76 29 76 28 75 43	1560 1440 255 68 270 560 8A 875 7A 1000 6P 590 7A 490 580	7A 8A 6P 6 6 6P 7A C	MBS. GLADYS REINEFE  LANCASIER WATER BUR- LANCASIER WATER BUR- PA. STATE COLLEGE  BA. DERT. OF WIFEARE  HARPY P. HOWLAND  LEON MILET  THOMAS DONNER OF MILET  GOODWIN DIS JEFREEN
RARNES REAR CRFFK DAM REAR GAP BEAVER FALLS BEAVERTOWN RECHTELSVILLE RELLEFONTE 4 S REANH REMICK BETHLEHEM	CAUR WARREN CAAT NORTHUMBLAND CAAT NORTHUMBLAND CAAT SHOWNER CABE SHYDER CABE SHYDER CABE SHYDER CABE SHYDER CABE SHOWNER CABE 0 9 41 07 15 40 50 2 40 46 15 40 45 14 40 22 18 40 51 14 40 51 15 41 04 9 40 57	79 02 75 44 76 30 80 19 77 11 75 38 77 47 76 00 76 15 75 23	900 3P 76D 7A 590 7A 40D 7A	8 AC	CORPS OF ENGINEERS CORPS OF ENGINEERS ROARING GREEK WATER CO.' HOWARD R. KEMP GOY F. RIITER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYD W. TRUMP BERWICK IND COV ASSO IN CITY OF BETHLEMEM	LE ROY LEWIS RUN 9 SE LEWISTOWN LOCK MAYEN 1 LOCK MAYEN 2 LONG POND 2 W LYNCH MADEPA MAHAEFEY MAPLE GLEN	4984 4992 5104 5109 5160 5275 5336 5342	BRADEORO MC KEAN MIFFLIN CLINTON CLINTON MONPOE FOREST CLEARFIELD MONTGOMERY	15 41 41 1 41 50 6 40 35 16 41 D8 16 41 08 9 41 03 1 41 36 16 40 50 16 40 50 5 40 11	76 43 78 39 77 35 77 27 77 27 75 30 79 03 78 26 78 44 75 11	1040 1740 480 7A 680 7A 1880 1295 1460 7A 1280 380	8A 7A C 1 7A C 1 7A C 7 7A C 7 7A K 7A K 7A 8	LEAMON M. BAJHAN  RUSSEL LINFMAN  AMERICAN VISCOSE CO.  JOHN P. FREY  HUGH E. PARFER  HUGHAS MECRES  CORPS OF ENGINEERS  M9. JULIA J. SHOFE  FRANCES C. SCHEIDHUR	
#BETHLEMEN LEMIGN UNIV OLAIN ALAIRSVILLE 6 FNF RLAKESLFF CORNERS BLOSERVILLE 1 N ROSWELL 1 SH BRANDORK LOCK 2 RRADFORD FAM AIRPORT BRANFORD CNITHL FIRE SI BRANFORD & W PFS	0634 NORTHAMPION 0725 PERRY 0736 INDIANA 0733 MONROE 0763 CUMBERLAND 0821 SOMERSET 0861 ALEGHENY 0865 MC KEAN A0867 MC KEAN 0868 MC KEAN	9 40 36 15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 A0 24 1 41 48 1 41 57 1 41 57	75 22 77 31 79 09 75 96 77 22 79 02 79 52 76 38 78 39 78 A4	364 MID 12N 750 2048 5P 8P 1630 630 8A 8A 1810 7A 725 7A 2121 MID MID 1500 8A 1680 5P 5P	C H	LEMIGH UNIVERSITY PA. DEPT. FRST. * WIRS.* U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERSI MRS. BESSIE M. WILLDERSI MRS. EMHA SHAULIS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD WATER DEPT.	MAPLETON DEPOT MARCUS HOOK MARIENVILLE 1 SM MARION CENTER 2 SE MARTINSBIRG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT MFADOW PUN PONOS MEADVILLE 1 S	5390 5400 5408 5454 5470 5526 5573 5601	HUNTINGDON DELAWARE FOREST INDIANA BLAIR PIKE FULTON ALLEGHENY LUZERNE CRAWFORD	6 40 24 5 39 49 1 41 27 1 40 45 6 40 18 5 41 22 12 39 56 10 40 21 15 41 13 1 41 38	77 36 75 25 79 09 79 02 76 19 74 42 78 00 79 52 75 40 80 10	580 12 MID 1700 1610 6P 1476 MID 439 7A 915 720 1995 1065 8A	C	MPS. 1. S. BUCHANAN SUN OIL CO- ROY A. MARKER COMPS OF ENGINEERS H FED. AVIATION AGENCY H HARRY BISLAND DAVID W SHIVES JA U S COMPOSION GEORGE PERRAGE CITY OF MEADVILLE
RPEEZEWOOD  BRUCETON 1 S BUCKSTOWN 1 SE BUFFALO WILLS BURNETTSTOWN 2 W BURNET CABINS 2 NE #BITLER BUTLER SUBSTATION CAMP KLINE CANTON 1 NW	0905 BEDFORD 1033 ALLEGHENY 1073 SOMERSET 1067 BEDFORD 1105 WASHINGTON 1115 HUNTINGDON 1130 BUTLER 1135 BUTLER 1203 LYCOMING 1215 BRADFORD	6 40 0D 10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 16 41 19 15 41 40	78 14 79 39 78 30 78 30 78 39 80 26 77 52 79 54 79 53 77 17 76 52	1392 MID 1065 7A 2460 1318 8A 980 7A 7A 990 5P 3P 1100 8A 8A 1140 590 7A 1520 7A 7A	C	PA. TURNPIKE COMM. U.S. BUREAU MINES ALVIN W. MANGES CLIFFORD C. ADAMS SMITH TUP, MUN. AUTH. PA. TURNPIKE COMM. WALLACE A LOZA WEST PENN POWER CO. LESLIE D. DOWLING MS.MILDRED SPENCER	MEDIX RUN MERCER 2 NNE MERCER HIWAY SHED MERCER SBURG MEPWIN NSBURG MEYEPSOALE 1 W MILANVILLE MILLERSBURG 2 E MILLEIM 2 E MILLEIM 2 E	5654 5662 5676 5686 5731 5738 5775	ELK MERCER MERCER FRANKLIN MONPOE SOMEPSET BRADFORD WAYNE OAUPHIN CENTRE	16 41 17 2 41 15 2 41 14 12 39 49 9 40 58 17 39 45 19 41 56 5 41 40 15 40 32 15 40 53	78 24 80 15 60 15 77 54 75 28 79 02 76 31 75 04 76 56 77 29	1100 1160 7P 1290 615 8A 985 1960 770 760 7A 560 1079	7A C 7A C 8A C 9A C 7A C	M MRS.E, M. SMYDEP MPS. FRAM. STRUIMERS PA. DEPI. HIGHMAYS MRS. ROBERTA C GILBERT ANTHUP A. SMITH E I C SMYDER CMAPLES E. STPOUS CHAPLES E. STPOUS CHAPLES MEPLEY RESSELL SHEPLEY NEYIN E. BOWERSOX
CAPLISLE CARROLLIUMN 2 SSE CARTER CAMP 2 W CEDAR RUN CHADDS FORD CHAMBERSBUPG 1 ESE CHARLERO! LOCK 4 CLARENCE CLARION 3 SW	1234 CUMBERLAND 1255 CAMBRIA 1262 POITER 1301 LYCOMING 1342 DELAWARE 1354 FRANKLIN 1377 WASHINGTON 1377 WESTHORELAND 1460 CENTRE	15 40 13 16 40 35 16 41 37 16 41 31 5 39 56 10 40 08 10 40 09 16 41 03 1 41 12	77 12 78 42 77 45 77 27 75 37 77 38 79 55 79 54 77 56 79 26	465 6P 6P 20A0 7A 8A 2030 7A 7A 7A 7A 7A 7A 1114 8P 7A	H H	CARROLL G. MILLER ROBERT F. MAURER RICHARD L. MENKEN KATHEYN T. KREIGHBAUM E. EARL TOUCKTON CHARLES A. BENDER WEST PENN POWER CO. CORPS OF ENGINEERS MRS SUSAN VERBITSKEY PA. ELECTRIC CO.	MILLVILLE 2 SW MILROY MONIGOMERY LOCK AND DA MONIFOSE MORGANTOWN HI GRETMA 2 SE MOUNT UNION I N HURRYSVILLE MYERSTOWN NATRONA LOCK 4	5915 5956 6028 6067 6111 6126	COLUMBIA MIFFLIN BEAVER SUSOUEHANNA BERKS LANCASTER MIFFLIN WESTMORELAND LEBANON ALLEGHENY	15 41 06 6 40 43 11 40 39 15 41 50 15 40 09 15 40 14 6 40 24 10 40 26 14 40 22 1 40 37	76 34 77 35 80 23 75 52 75 54 76 26 77 53 79 42 76 18 79 43	860 7A 770 692 5PI 1560 7A 595 MIDI 670 MID 820, 900 480 800		KENNETH LEIGHOW THOMAS C: MAPBESON COPPS OF FNGINEERS RALPH TAYLOR PA. TURNPIKE COMM. PA. TURNPIKE COMM. HT. UNION WATEP WORKS MISSKATHIERN WANDELL CORPS OF ENGINEERS
CLAUSSYILLE CLAYSYILLE 3 W CLEAPTIFLD CLEMONT CLEMONT 4 NW COATESVILLE 1 SW COMPLUENCE 1 NW CONFLUENCE 1 NW CONNEAUTYILLE CONNELLSYLLE CONNELLSYLLE	1505 LEMIGH 1512 WASHINGTON 1519 CLEARFIELD 1529 MC KEAN 1534 MC KEAN 1539 CHESTER 1705 SOMERSET 1710 FAYETTE 1720 CRAWFORD 1723 FAYETTE	9, 40 37 11 40 07 16 41 01 1 41 41 1 41 44 5 39 58 17 39 48 17 39 50 6 41 45 17 40 01	75 39 80 28 78 26 78 30 78 32 75 50 79 22 79 22 80 22 79 36	670 8A 1000 7P 7A 1100 7A 2104 1620 3P 7A 342 8A 8A 1490 8A 8A 1331 7A 1000 9A 9A 870 8A	C C BAC	WILLIAM J. OOTTERER MF0PS. L. + H. CO. 1RA TAYLOR MRS. TILLIE M. SIMONDS MRS. TILLIE M. SIMONDS PHILA. ELECTRIC CO. CORPS OF FINGINEERS JOHN L. RFID S. CARLYLE SHELDON MARSHALL B. MENEFEE	NEFFS MILLS 3 NE NESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEWDORT NEW STANTON NEW TPIPOLI NORRISTOWN NORTH EAST 2 SE	6194 6233 6246 6289 6297 6310 6326 6370	HUNT ( NGDON BUCK S LAMPENCE FAYETTE YORK PEPRY WESTMORELAND LFHIGH MONTGOMERY EPIE	6 40 40 51 40 09 2: 41 01 10 40 05 15 39 44 6 40 29 10! 40 13 14 40 41 14 40 07 6 42 12	77 55 74 57 80 22 79 54 76 30 77 08 79 36 75 45 75 21 79 49	900 60 825 5P 805 12M 78D 400 7A 98D MID 57D 75 MID	6P 7A MIO 6P	PA. STATE UNIVERSITY PHILA. SUB. WATER, CC. LEWIS W. HAMILTON GENERAL CHEMICAL. CO. CLINTON J. ALLEN HPS. FRANCES K. FRY PA. TURNPIKE COMM. PED. COWALDE RISTONN ELISMOSTH WEAVER
CONNELLSVILLE 2 E CONSHONOCKEN COOKSBURG CORADPOLIS NEVILLE IS CORRY COUDERSPORT 3 NH COUDERSPORT 6 E COVINGTON 2 WSW CPEKSIOE CRESSON 2 SE	1729 FAYETTE 1737 MONTGOMERY 1749 CLARION 1773 ALLEGHENY 1790 ERIE 1806 POTTER 1809 POTTER 1833 TIOGA 1881 INDIANA 1885 CAMBPIA	17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 46 1 5 41 44 1 40 41 6 40 27	79 33 75 19 79 13 60 05 79 39 76 03 41 47 77 07 79 12 78 34	1300 70 8A 1180 8A 720 6A 1440 6P 6P 2020 7P 8A 2533 7A 1745 7A 1030 6A 2540 7A	v	MARRY C. JOY PHILA. ELECTRIC CO. PA. DEPT. FRST. + WIRS. SMENANGO, INC. RICHARD T. MOUNTAIN MISS ELIZABETH MEFF FERD IRISH CALVIN R. PACKARD MRS. MELVIN P. THOMAS FRED A. PLEMPEL	NORTH PHILADELPHIA APT OPWELL 2 NW PALM PALMERTON PAPKER 1 PAUPACK 2 WNW #PHIL DREXEL INST OF TE PHILADELPHIA WB AP #PHILADELPHIA PT BREEZE	6622 6681 6689 6721 6724 6762 6889	PHILADELPHIA BRADFORD MONTGOMERY CARBON ARMSTRONG CLARION PIKE PHILADELPHIA PHILADELPHIA PHILADELPHIA	5 40 05 15 41 55 14 40 26 9 40 48 1 41 05 1 41 06 5 41 24 14 39 57 5 39 53 5 39 55	75 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15 75 12	100 1340 385 435 MID 1140 1100 136D 3D MID 7 MID 32 MID	8A 8A MLD C 7A C 8A MIO HIO C HIO C	AIRPORT GUARDS ELMER T. MODRE MRS HELEN ESCHBACH NEW JEPSEY ZINC CO- LOUIS A- MALARKEY P. M. NETTERLEIN MISS L. VETTERLEIN PRANCLEATHER BUREAU ATLANTIC REFINING CO-
DANVILLE DEVAULT 1 W DINGMANN FERPY DINON DONEGAL DONORA DOVLFSTOWN DRIFTWOOD DU BOIS FAA AIRPORT DU BOIS 7 E	2013 MONTOUR 2116 CHESTER 2160 PIKE 2171 WYOMING 2183 WESTMORELAND 2190 WASHINGTON 2221 BUCKS 2245 CAMERON 2260 UEFFERSON 2265 CLEARFIELD	15 40 58 14 40 05 5 A1 13 15 41 32 17 40 07 10 40 10 5 40 18 16 41 20 1 41 11 16 41 06	76 37 75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 54 78 38	460 7A 360 MID MID 430 7A 7A 17A6 MID MID 900 5P 5P 358 5P 880 1 181 MID MID 1670 5P 5P	MID H	MRS. MARIE H. LITTLE PA. TURNPIKE COMM. THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATMUES KARL W HISTAND SIDNEY KENNEDY FEO AVIATION AGENCY LITTY OF DU BOIS	PHILIPSBURG FAA AP PHOENIXVILLE 1 E PIKES CPEER PITTSBURGH WB AP 2 PITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CITITON POTTSVILLE PUNXSUTAWNEY PUTNEYVILLE 2 SE DAM	6927 6939 6993 6997 7029 7116 7161 7217	CENTRE CHESTER LUZERNE ALLEGHENY ALLEGHENY SCHUYLKILL SCHUYLKILL JEFFERSON ARMSTRONG	6 40 54 1A 40 07 15 41 1A 11 40 30 11 40 27 9 41 44 14 40 35 14 40 42 1 40 57 1 40 55	78 05 75 30 76 08 80 13 80 00 75 27 76 02 76 11 79 00 79 17	1918 M1D 105 SP 1320 1137 M1D 749 M1D 1800 8A 450 7A 690 1300 1270 8A	M10 C 7A C M1D C M1D C	H FED. AVIATION AGENCY PHILAS. SUB. WATER COMM. HARRY SHELDON JU.S. WEATHER BUPEAU U.S. WEATHER BUPEAU HILLIAM POLIVKA HRS. ADA E. RARICE LLOYD E. WELLEP CARE E. ROTHERS
DUNLO DUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG EDINBORO EMPORIUM 1 N ENGLISH CENTEP EPHRATA	2298 CAMBRIA 2325 SULLIVAN 2343 SULLIVAN 2363 CLARION 2466 CAMBRIA 2514 ERIE 2635 CAMERON 2644 LYCOMING 2662 LANCASTER	4 40 17 16 41 29 16 41 24 1 40 59 4 40 29 1 41 52 16 41 32 16 41 26 15 40 11	78 A3 76 25 76 35 79 37 78 A3 80 08 78 14 77 17 76 10	2410 1910 8A 2020 7A 7A 820 5P 5P 2090 7P 7A 1220 8A 1560 8A 8A 880 7A 7A 465 6P 6P	טע יישט	MRS. D. L. WHITE ROBERT J. OBERT FRANCIS B. MANLEY B. KEMPEL ROBERT A. WASSER EDINBORG ST. YCHR. COL. MRS. TALLIE M. BRITTON WILLIAM SUDERS STANLEY L. VON NEIDA	OUAKEPTOWN 1 E RAYMOND  ***PEADING WB CITY RENOVO RENOVO 5 S REW RICES LANDING L 6 ***PIDGWAY** ROCHESTER 1 N RUSHVILLE	7310 7318 7409 7410 7425 7443 7477 7540	BUCKS POTTER BERKS CLINTON CLINTON MC KEAN GREENE ELK BEAVER SUSOUEHANNA	5 40 26 13 41 52 14 40 20 16 41 20 16 41 14 1 41 54 10 39 57 1 41 25 2 40 43 15 41 47	75 20 77 52 75 58 77 45 77 46 78 32 80 00 78 45 80 18 76 07	490 5P 2220 266 M1D 660 7A 2035 2250 775 1360 8A 900 870	7A C 8A 7A	DENNIS K. FLUCK MRS. RACHEL LANGAN MJ U.S. WEATHER BUREAU ELMER G. BATSCHELT C. F. BILLETTE EDWAPD P. CLARK CORPS OF EMGINEERS OROUGH OF RIOGWAY DEOUESNE LIGHT CO. CARL KOPATZ
EOUINUNK 2 ERIE CO FIELD RSCH LA ERIE WE AIPPOPT EVERETT I SW FARRELL SHARON FORD CITY A 5 DAM FRANKLIN FRELAND GALETON GEIGERTOWN	2671 WAYNE	5 41 51 6 42 14 8 42 05 6 40 00 2 41 14 1 40 43 1 41 23 15 41 01 16 41 44 14 40 13	75 13 79 51 80 11 78 23 80 30 79 30 79 49 75 54 77 38 75 50	910 7A 730 MID MID 1020 8A 8A 855 7P 7P 950 8A 8A 987 6P 8A 1900 6P 8A 1380 7A	Ç	MRS, H. C. FLYNN FIELD RESEARCH LAB. FIELD RESEARCH LAB. U.S. WEATHER BUREAU PA. TURNPIKE COMM. SHARON STEEL CORP. CORPS OF ENGINEERS RICHARD A BEITH ANDREW 6. EVANSHA STANLEY G. LUSH WALTER C. WOLF	RUSSELL SAFE MARROP SAGAMORF 1 S SALINA 3 W SAXTON SCANDIA 1 E SCHENLEY LOCK 5 #SCRANTON SCPANTON WB AIPPORT SELLERSVILLE 2 NW	7732 7733 7782 7846 7855 7865 7900	WARREN LANCASTEP INDIANA WESTMORELAND BEDFORD WARREN APMSTRONG LACKAWANNA LUZERNE BUCKS	1' 41 56 15 39 55 1 40 46 7 40 31 6' 40 12 1 41 55 1 40 41 15' 41 20 5 40 23	79 08 76 23 79 14 79 33 78 15 79 02 79 40 75 40 75 44 75 20	1230 270 1320 1109 6P 78D 2100 783 746 74 940 MID 530	8A . C . 7A . 6P . 8A . C . C . C . C . C . C . C . C . C .	MIKE L. FERRIE S.H. WATER POWER CORP. MRS. JOHN W. FLEMING MUN. AUTH. WSTMPLO. CO. MRS. ALVERTA L. MOLMES CLARE E WINERITED CORPS OF EMGINEEPS U.S. POST OFFICE HJ U.S. WEATHER BUREAU SELLERSVILLE WATER CO.
GEORGE SCHOOL MGETTYSBURG GETTYSBURG 1 S GLENCOE GLEN HAZEL 2 NE DAM GLENNOORE GLEN ROCK GUENNELLARO DASH DAM GOULDSBOOP GRATERFORD	3200 BUCKS 3218 ADAMS 3223 ADAMS 3298 SOMERSET 3311 ELK 3331 CHESTER 3330 YORK 3343 ALLEGHENY 3394 WAYNE 3435 MONTGOMERY	5 40 13 12 39 50 12 39 48 12 39 49 1 41 34 5 40 06 15 39 48 11 AO 33 9 41 14 14 40 14	74 56 77 14 77 14 78 51 78 36 75 47 76 44 80 13 75 27 75 27	135 8A 8A 5AO 9A 9A 53O 162O 1725 8A 44O 7A 62O 705 7A 189O 7A 155 7A	ע עעע	H GEORGE M. HART HUGH C. MC ILHENNY NATIONAL MILITARY PARK MRS. MARY M. HARTMAN COPPS OF ENGINEEPS JOHN J. SHRADER HRS. E. C. MC WILLIAMS CORPS OF ENGINEERS DANA L. SHAY GEORGE S. MANN, SR.	SHADE GAP 2 NF SHAMOKIN SHEFFIELD 5 W SHIPPENSEURG SINNEMAHONING SIZERVILLE SLIPPERY POCK SMETHPDRI HIGHWAY SHE SOMEPSET FAIRVIEW ST SOUTH CANAAN I ME	7978 8026 8073 8143 8155 8164 8164 8164 8244	HUNTINGOON NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG CAMERON CAMERON NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG NORTHUMBLANG	6, 40 12 15 40 48 1 41 42 15 40 03 16 41 19 16 41 35 2 41 04 1 41 48 17 40 01 5 41 31	77 52 76 33 79 08 77 32 78 05 78 11 80 03 78 27 79 05 75 24	920 770 1920 709 4F 790 1230 1345 7F 1510 2140 1400	7A 7A	MMS. HELEN H. PYLE ROAPING CREEK WATER CO. WILBUR R. NORDIN H KEITH B. ALLEN MMS. FRANCES CALDWELL CLOSED 4-30-63 H RAYMOND E. MILLER PA. DEPT. MIGHWAYS HOWARD G. PECK. EUGENE W. COOK
GPATEPFORD 1 E GREENSBOPD LOCK 7 GREENSBUPG 2 E GREENVILLE MANOVEP HARPISBUPG WB AP HAWLEY HAWLEY 1 S DAM HOLLIDAYSBURG HOLLISTEPVILLE	3437 MONTGOMERY 3503 GREENE 3515 WESTMORELAND 3526 MERCER 3662 YORK 3699 YORK 3758 WAYNE 3751 WAYNE 4001 BLAIR 4008 WAYNE	14 40 14 10 39 47 10 40 18 2 41 24 15 39 48 15 40 13 5 A1 29 5 41 28 6 40 26 5 41 23	75 26 79 55 79 31 60 23 76 59 76 51 75 10 75 11 78 24 75 26	240 7A 7A 808 7A 1225 980 6P 6P 600 8A 8A 335 MID MID 880 7A 7A 1200 960 1360 8A	c c c	STATE CORRECTIONAL INST H CORPS OF ENGINEERS PA. DEPT. HIGHWAYS C. EARL MILLER H HANOVER EVENING SUN M. U.S. WEATHER BUREAU MPS. KATHERINE BATES PA. POWER + LIGHT CO. JOHN M. RINGLER PA. POWER + LIGHT CD.	SOUTH MOUNTAIN SPRING GROVE STATE COLLEGE STATE COLLEGE 2 STILLWAITEP DAM STOVSTOWN STPAUSSTOWN STPONGSTOWN STROUGSTOWN STROUGSBUPG STUMP CREEK	8374 8445 845 849 856 857 858	FRANKLIN YORK CENTRE CENTRE CENTRE SUSOUEHANNA SOMERSET TO SERKS TINDIANA MONROE DEFFERSON	12 39 51 15 39 52 16 40 48 16 40 48 15 41 41 4 40 06 14 40 33 5 40 59 1 41 01	77 30 76 52 77 52 77 52 75 29 78 57 76 11 78 55 75 12 78 50	1520 470 1175 7,180 1645 1800 9,600 1680 480 116	9A 8A 11P C	PA. DEPT. OF HEALTH P. M. GLATFELTER CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY CORPS. OF ENGINEERS VERMON MONG JACOB FLAHENETT WILLIAM HAGERTY HARRY M. TRAVIS
#HOLTWOOD HOME HOMESOALE 4 NW HOMESOALE 5 NNW HOMESOALE 5 NNW HOMESOALE 5 NNW HOMESOALE 5 NNW HOMESOALE 5 NNW HOMESOALE 5 NNW HOMESOALE 1 NOMAN 1 NOIANA 3 SE	4019 LANCASTER 4027 INDIANA 4043 WAYNE 4044 WAYNE 4045 CHESTER 4066 SUSOUBHANNA 4159 HUNTINGON 4166 CUMBERLAND 4190 BEDFORD 4214 INDIANA	15 39 50 1 40 45 5 41 37 5 41 39 5 40 06 15 41 43 6 40 29 15 40 06 12 39 49 4 40 36	76 20 79 06 75 19 75 17 75 56 79 43 78 01 77 18 78 44 79 07	187 MIO 8A 1220 1910 9A 1050 7A 900 7A 640 7A 7A 610 8A 960 7A 1102 7P 7A	c	H PA. POMER + LIGHT CO. MRS. EDNA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. M. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER METRO P. DOROSH DONALD LEHMAN M. CLYMER WATER SVC. CD.	SUNBURY USOUEMANNA TAMAQUA N DAM TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE WATER WORK TORHANNA TORREDO 4 W TOWANDA 1 ESE	869 875 876 887 888 888 889 890 890	NORTHUMBLANI SUSQUEHANNA SCHUYLKILL SCHUYLKILL CRAWFORD CRAWFORD MONROE WARREN BRADFORD	15 41 57 14 40 48 14 40 51 1 41 29 1 41 38 1 41 38 5 41 11 1 41 47 15 41 45		1020 830 1120 1200 8 1550 1220 7 1950 58 1735 745	7P 5P C 7A 7A C	CMARLES W. BAYLER MPS. LAURA A. BENSON MS. MARY L. ROBERTS PANTHER VALLEY WIR. CO. CORPS OF ENGINEERS PA. ELECTRIC CO. MS. JULIA GRADY MS. JULIA GRADY MS. LILY B. GARBER H LEVERN ROOT
JACK SON SUMMIT JAMESTON 2 NW JERSEY SHORE #JOHNSTOWN JAMESTON 2 JAMESTON 2 JAMESTON NO KARTHAUS KEGG KITTANNING LOCK 7 KRESGEVILLE 3 W	A304 TIOGA 4325 CRAWFORD A365 LYCOMING 4385 CAMBRIA A390 CAMBRIA A430 MC KEAN A450 CLEARFIELD A461 BEDFORD A611 ARMSTRONG 4672 CARBON	15 41 57 2 41 30 16 41 12 4 A0 20 4 40 19 1 A1 A1 16 41 07 6 39 59 1 40 49 9 40 54	77 15 78 55 78 55 78 48 78 07	960 7A 7A 1280 MID MID 790 VAR	C	ARCHIE LAIN PA. DEPT. FRSTs. + WIRS. GEORGE R. WADDELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDDLEN A. ANDERSON ROBERT K. BRADCORD PA. TURNPIKE COMM. CORPS OF ENGINEERS CITY OF BETHLEHEM	TOWER CITY 2 E TROY TUNNELTON TURTLEPOINT 4 NE TYRONE 4 NE BALD EAGL UNION CITY FILT PLANT UNIONTOWN VANDERGRIFT VIRGINVILLE WAPREN	895 898 900 E 902 904 905 912	2 SCHUYLKILL 9 BRADFORD 9 INOIANA 2 MC KEAN 4 BLAIR 2 ERIE 0 FAYETTE 8 WESTMORELAN 6 BERKS 8 WARREN	15 40 35 15 41 47 4 A0 27 1 A1 54 6 40 43 1 41 55 10 39 54 7 40 36 14 40 31 1 A1 51	76 31 76 47 79 23 78 16 78 12 79 48 79 44 79 33 75 52 79 08	835 8: 1100 890 1640 1020 1400 1040 6: 800 350 1280 7:	7A C 7A C 7A C 7A C	H MAS LILLIAN S BOWHAN JENNIEL LO BALLARD HAS, MARY E, WEIMER POBEFT D. STPAIT FREDERICK L. FRIDAY HARDOLD W. HAMMOND WH. W. MARSTELLER UNITED ENG. + FROMY-CO. MRS. MAPY M. WPIGHT GLEERT M. REIER

STATION	INDEX NO.	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	T	ME TABI	ATIO AND LES	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION		SERV TABI	ANI	D	OBSERVER
WASHINGTON WATSONTOWN WAYNESBUDG 1 E WEBSTER MILLS 3 SW WELLSBORD 3 S WEST CHESTER WEST GROVE 1 SE WEST HICKORY WHITESBUNG WILKES-BARRE	9312 WASHINGTO 9345 NORTHUMBL 9367 GREENE 93607 FULTON 9408 TIDGA 9464 CHESTER 9503 CHESTER 9507 FOREST 9655 ARMSTRONG 9702 LUZERNE	10 3 12 3 16 4 5 3 5 3 1 4	00 11 01 05 09 54 09 49 01 43 09 58 09 48 01 34 00 45 01 15	80 14 76 52 80 10 78 05 77 16 75 36 75 48 79 25 79 24 75 52	1200 490 940 910 1920 440 450 1090 1530 610	8A 7A 8A		000	PA. DEPT. HIGHWAYS WILLIAM BIRO. H BURDUGH OF WAYNESBURG HRS. ODRA I. LYNCH MARION L. SHUPWAY OALLY LOCAL HEWS COMARO-PYLE CO. MRS. HELEN F. KINNEAR CORPS OF ENGINEERS MRS. MARY G. MIRMAK	WILLIAMSBURG WILLIAMSPORT WIND GAP WOLFSBURG YORK 3 SSW PUMP STA YORK 2 S FILTER PLANT YORK HAVEN YOUNGSVILLE ZION GROVE ZIONSVILLE 3 SE	9728 9781 9823 9933 9938 9950 9966 9990		16 5 6 15 15 15 15	40 27 41 15 40 51 40 03 39 55 39 56 40 07 41 51 40 54 40 28	78 12 76 55 75 18 78 32 76 45 76 44 76 43 79 19 76 13 75 27	76	7 MIC 5 5F	7A MID 7A 5P 8A 7A 6A	2	C H.	AGERT GUNNETS  U.S. WEATHER BUREAU  MRS. MARY O. HOELZEL  WALTER C. RICE  YOR WATER COMPANY  VORE WATER COMPANY  METROPOLITAN EDISON CO.  HENRY CARLET!  JAMES O TETER  LESLIE HOWATT

1 1. ALLEGHENY 2. BEAVER 3. COMEMUNG 4. COMEMANDER 5. DELAWARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9. LEMICH 10. MONONGANELA 11. DHIO 12. POTDMAC 13. LAKE ONTAHID 14. SCHUYLKILL 15. SUSQUUZIANNA 16. WEST GRANCH 17. YOUGHICGERYY

#### HEFERENCE NOTES

Additional information regarding the climate of Ponnsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you.

Figuree and letters following the station name, such as 12 SSM, indicate distance in miles and direction from the post office.

Delayed dnta and corrections will be carried only in the June and December issues of this bulletin.

Wontbly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisione as used in "Climatological Data" Table and on the mnps, became effective with dath for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in 'F, precipitation and evaporation in inches and wind novement in siles. Monthly degree day totale are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Wax and Wie in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of ence, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive Observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and elect. Entries of enow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind Table; and sacwfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station index above observation times in local standard time. During the summer months come observers take the observations on daylight saxing time.

come on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA etations. For these stations end on ground values are at 7:00 s.s., E.S.T. in the Station Index the letters C, G, H, and J in the "Special" column under the heading "Dbservation Time and Tables , indicate the following:

- C Hecording Rain Gage Station. Mourly precipitation values are processed for special purposes, and are published later is "Mourly Precipitation Data" Bulletin. 6 "Soil Temperature" Table.

  H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates so snowfall and/or snow on ground in that month.

  J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

No record in the Supplemental Data" Table; "Daily Precipitation" Table; "Praporation and wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station index.

And also on an end one minute wind speed. This station is not equipped with automatic wind instruments.

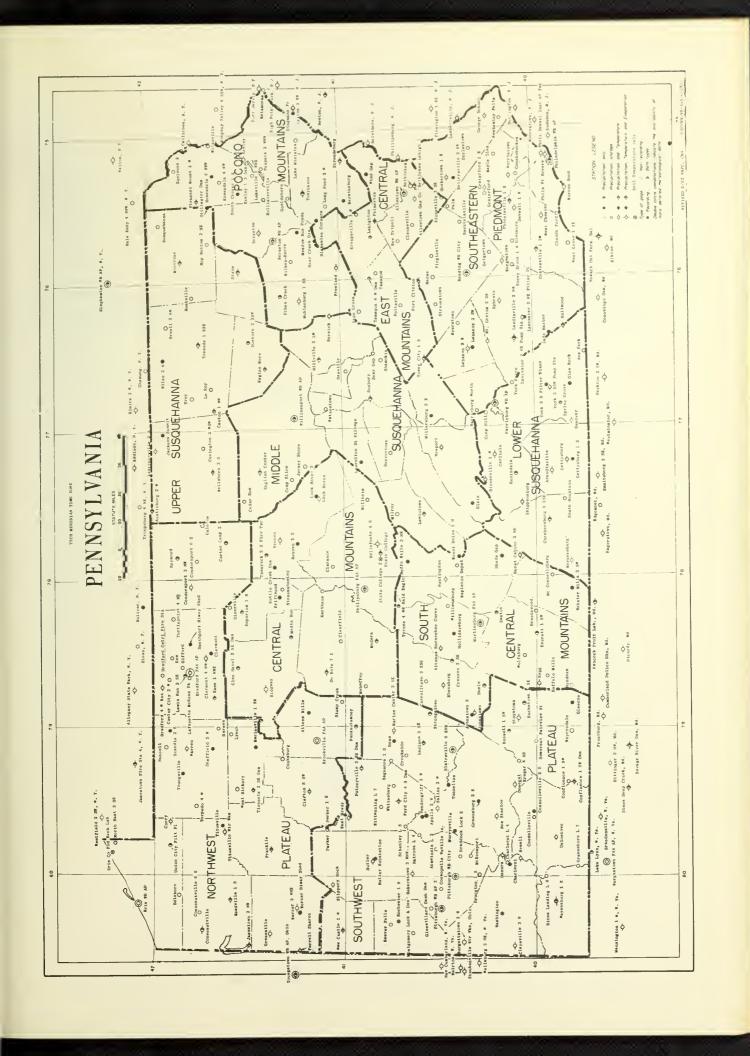
Amount included in following measurement, time distribution withows.

Thermometers are generally exposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the roof of a building supposed in a shelter located on the supposed supposed to suppose sup

General weather conditions in the U. S. for each month are described in the publications MONTHLY MEATHER HEVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIDNAL SUMMARY, and STDRM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Diffice. Washington 25, D. C.

Information concerning the bistory of changes is locations, elevations, exposure, etc., of substations through 1855 may be found in the publication "substation Ristory" for this estate. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Smableston 15, D. C. for 65 cents. Similar information for regular Westber Bureau estations may be found in the 1861 annual issue of Local Climnological Data for the respective stations, Dulatined as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and mosey orders should be made payable to the Superintendent of Documents. Resitance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Covernment Printing Diffice, Washington 25, D. C.





1.05 P

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

PENNSYLVANIA

OCTOBER 1963 Volume 68 No. 10



JAN 20 1964
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#### PENNSYLVANIA - OCTOBER 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 20th at Devault 1 W

Lowest Temperature: 18° on the 15+ at Clermont 4 NW

Greatest Total Precipitation: 3.09 inches at Donora

Least Total Precipitation: 0.00 inch at 7 stations

Greatest One-Day Precipitation: 1.80 inches on the 27th at Donora

Greatest Reported Total Snowfall: Trace at 15 stations

#### SPECIAL WEATHER SUMMARY

Under the influence of a persistent high-pressure system centered over the southeastern United States, Pennsylvania experienced "Indian Summer" like weather through nearly the entire month. Clear sunny skies with mild temperatures and generally light winds prevailed. Many places reported the sunniest October on record which influenced temperatures to a large extent as shown by the fact that, although daily temperatures averaged 1° to 6° above normal, afternoon maximum readings averaged up to 10° above normal. Nighttime temperatures, reflecting the effects of maximum radiational cooling, remained near normal or even below normal levels so that the daily temperature range was considerably greater than normal.

While the weather during October was ideal for many outdoor activities, it left much to be desired rainfall-wise. The tendency toward dryness, in evidence through practically the entire year, intensified during October with the result that conditions deterioriated to the point where a full scale drought developed. With the exception of a few places in southwestern and northwestern counties where rainfall totaled around 1 inch, monthly precipitation ranged mostly from none at a number of stations in southern areas to 0.30 inch elsewhere for the

driest October since 1924 and one of the driest months of record.

Water shortages became critical during the month as rivers and streams dropped to record and near record low levels. Thirty communities were forced to turn to emergency water supplies as storage in reservoirs dropped to dangerously low levels. Many springs ceased to flow and a number of wells went dry as ground water supplies continued to decrease. The unusually dry topsoils retarded the germination of fall-sown grains and the growth of seedlings was adversely affected. All state parks and forests were closed as the potential danger of fire increased. Even so, 800 forest fires were reported for the greatest monthly total of record. The Governor also banned smoking and camp fires within 200 feet of any woods and the small game hunting season was temporarily suspended.

Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

# CLIMATOLOGICAL DATA

PENNSYLVANIA OCTOBER 1963

				Ten	perat	ure			-				Т				Preci	pitotion		0000	DET		
										N	o. of	Doys						Sno	w, Sleet		No	o. of	Days
Station	Average Maximum	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Mo or Vipers	-	MI Belline	_	Total	Departure from Normal	Greatest Day	Darle	Total	Max. Depth on Ground	Date	8	.50 or More	1.00 or More
POCONO MOUNTAINS																						$\forall$	
FRANCIS E WALTER DAM FREELAND HAWLEY MATAMORAS MILANVILLE	68.3 70.0 73.5 75.4 73.0	36.0 M 34.4 38.8 31.4	52.2 M 54.0 57.1 52.2		82 82 88 92 88	8 18 • 8 7 8	27	15 • 31 31 • 14	393 337 243 389	0 0 0 1 0	0	10	00000	.11 .13 .06 .03	= 3.55 = 3.32 = 3.39	.08 .10 .03 .03	28 • 28 04	.0 .0 .0	0000		0 1 0 0 1	00000	0 0 0 0
PLEASANT MOUNT 1 W 5CRANTON 5CRANTON WB AIRPORT 5TRCUO5BURG TOBYHANNA	65.9 72.5 69.8 72.0 69.9	35.9 41.7 43.6 36.5 37.0	50.9 57.1 56.7 54.3 53.5	4.1 5.7 1.8	79 85 83 89 81	8 7 7 7	25 33 35 26 26	31 6 140 14 14	430 247 253 326 352	00000	00000	0 0 8 9	00000	.31 .19 .03 .12 .23	= 3.51 = 2.79 = 3.47 = 3.53 = 4.09	.23 .13 .02 .10	03 03	00 T T T	0000		1 0 1 1 1	00000	0 0 0 0
OIVISION OI			54.2	3.4										-17	- 3.44			Т					
EAST CENTRAL MOUNTAINS																							
ALLENTOWN WB AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALWERTON PORT CLINTON	71.8 73.5 79.3M 71.3 74.6	43.0 43.1 48.7M 40.5 33.8	57.4 58.3 64.0M 55.9 54.2	3.6 3.9 7.8 3.0 1.4	83 86 92 88 86	27÷ 8 7 7 8	34 36 36 31 25	14 14+ 5 14+ 14	234 209 87 277 330	00400	00000	0 0 3 13	00000	.15 .07 .06 .11	- 2.82 - 3.04 - 2.93 - 3.13 - 3.27	.08 .07 .06 .08	28 28 03	.0	0 0 0		0 0 0 0 1	00000	0 0 0 0
210N GROVE	70.2	33.1	51.7		84	8	25	17+	407	0	0	13	0	.13		•12	04	•0	٥		1	0	0
OIVISION OZ SOUTHEASTERN PIEOMONT			56.9	3,6										.14	- 3,20			•0					
COATESVILLE 1 SW OEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORO 1 E	72.9 72.5 72.9 70.8 71.2	41.3 45.7 47.0 40.3 41.2	57.1 59.1 60.0 55.6 56.2	2.4 4.4 0.0	84 93 85 84 84	8 20 7 8	33	31 14+ 30+ 5	241 194 163 284 270	0 0 0	00000	0 0 1 1	00000	T •09 •05 •04 •25	= 3.19 = 3.15 = 3.14	.05 .04 .03 .25	31	.0 .0 .0	0 0 0 0		0 0 0 0 1	00000	0 0 0
HOLTWOOD LANCASTER 2 NE PMP STA LANOISVILLE 2 NW LEBANON 4 WNW MARCUS HOOK	71.6 73.3 71.2 71.3 71.5	48.3 41.9 39.2 44.5 50.5	60.0 57.6 55.2 57.9 61.0	2.6 3.6	86 84 85 85 81	27 7 8 8		31 • 14 • 15 30 30 •	165 222 301 220 131	00000	00000	0 2 7 0	00000	.03 T T .00	= 2.63 = 3.22	.03 T T .00	28÷ 28÷	.0 .0 .0	0 0 0		0 0 0 0	00000	0 0 0
MORGANTOWN MT GRETNA 2 5E NORRISTOWN PHIL OREXEL INST TECH PHILADELPHIA WB AP R	72.5 72.4 74.0 71.9 70.3	43.0 42.2 46.5 50.2 43.9	57.8 57.3 60.3 61.1 57.1	1.4	84 86 87 84 81	19 7 7 27 7		31 5 30 30 14+	221 234 160 137 242	00000	00000	1 2 0 0	00000	.32 .23 .02 .04	m 2 <sub>0</sub> 69	.23 .16 .02 .02	27 28 28+	.0 .0 .0	0 0 0		1 0 0 0	00000	0 0 0 0
PHILADELPHIA PT BREEZE PHOENIXVILLE 1 E OUAKERTOWN 1 E READING WB CITY R WEST CHESTER	73.3 74.3 73.3 73.8	41.0 40.5 47.8 41.8	57.2 57.4 60.6 57.8	0.9 4.2 3.4 1.4	85 83 85 85	7 19+ 7 28+	40	5 14 30+ 30	238 232 150 222	0 0 0 0	0000	2 4 0 3	0000	.19 .04 .17	= 3.02 = 3.43 = 2.67 = 3.14	.10 .04 .12	28	•0	0000		1 0 1	0000	0 0 0
WEST GROVE 1 5E	70.0M	45.2M	57.6M		81	28	37	30+	230	0	0	.0	0	.08	- 2.92	.08	04	•0	0		0	0	0
01V1510N 03			58.2	2.1										.09	<b>-</b> 3.07			.0					
LOWER SUSQUEHANNA																							
ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 E5E GETTY5BURG	73.8 73.8 75.2 73.1 73.7	42.0 45.6 43.6 40.6 44.2	57.9 59.7 59.4 56.9 59.0	3.5 4.0 2.2 2.9	87 87 88 85 87	8 8 7 7 8	33 32 31	14 31 14 14 14	219 176 172 246 196	00000	00000	0 1 4 0	00000	T •13 •04 •11 T	= 3.57 = 3.39 = 3.27 = 3.04 = 3.31		09+ 28 31+ 31+ 29	.0	0000		0 0 0 0	00000	0 0 0
HANOVER HARRISBURG WB AP MERCERSBURG 5HIPPENSBURG YORK 3 55W PUMP STA	75.0 71.7 74.6 75.1 76.1	44.6 42.5 41.0 44.0 39.6	59.8 57.1 57.8 59.6 57.9	3.7 1.4	86 87 88 85 87	8 7 8 7 7	32 29 34	30+ 14 14 14+ 14+	171 242 226 174 221	00000	00000	0 1 2 0 5	00000	T •04 •02 T •02	- 3.27 - 2.93 - 3.31	.02 .02	28+ 27 04 31+ 03	.0 .0 .0	0		0 0 0 0	00000	0 0 0
01V1510N 04			58.5	3.2										.04	- 3.22			.0					
MICOLE SUSCUEHANNA																							
BER#ICK ENGLISM CENTER LAURELTON STATE VIL	72.8 74.3M	37.5 32.1M	55.2 53.2M		87 87	7	23	31÷ 15	298 357	0		8 16	0 0	•15 •11		.10	28	•0	0		1	0	0
LEWISTOWN MILLVILLE 2 5W	75.6 70.7	40.4 38.0	58.0 54.4		90 85	8	32 30	16+	324	0	0	3 5	0	.02		.02	04	.0			0	0	0
NEWPORT SUNRURY TOWER CITY 2 E WILLIAMSPORT WB AP	74.7 73.9 70.7 72.4	39.2 35.9 36.7 40.9	57.0 54.9 53.7 56.7	3.6	89 86 85 86	8 8 8 7	28	15+ 31 14 14	245 308 340 250	0000	0000	5 8 9	0000	T .07 .07	- 3.44 - 3.16 - 3.13	.12	28+ 04 28 27	.0 .0			0 0 0 1	0000	0 0 0
DIVISION 05			55.4	1.9										.08	- 3.15			Т					
UPPER 5U5QUEHANNA																							
AUSTINBURG 2 W CANTON 1 NW OIXON EAGLES MERE LAWRENCEVILLE 2 5	71.2 68.9 71.0M 66.4 73.1	36.3 40.8 34.2M 43.8 35.7	53.8 54.9 52.6M 55.1 54.4	3,4	83 83 86 78 88	8 8 8 7	27	5 30+ 31 31 16+	343 308 376 307 322	00000	00000	10 6 11 2 10	00000	.43 .12 .04 .20	- 2.53	.02	28 28 28+ 28+ 28 27	*0 T T	00000		1 0 1 1	00000	0 0 0 0

CONTINUED				Tem	perat	ure												Precip	itation			DBER		
										١	lo. o	f Doy				1			Bner	w, Bloot		N	o. of	Days
Station	F			Normal					Days	M	ox.	<b>*</b>	in.			2	Ç.			11		More	More	More
	Average	Average	Average	Departy From No	Highest	Darte	Lawest	Date	Degree	90° or Above	32° or Below	32° or Bolow	0° or Below	Total		From Norm	Greatest	Date	Total	Max. Dept on Ground	Dog	.10 er A	1881	1.00 or
MONTROSE TOWANDA 1 ESE WELLSBORD 3 S	67.5 72.0 68.6	39.5 37.6 42.1	53.5 54.8 55.4	3.0	84 86 80	8 7 19+		6+ 14 31+	349 313 294	000	000	9	000	•17 •25 •10		2.70	.10 .17 .10	04	.0 .0	0 0		1 1 1	000	0 0 0
DIVISION 06			54.3	4.1										.20	-	2.91			T					
CENTRAL MOUNTAINS														0.5			.05	24	_			0	0	0
BELLEFONTE 4 S OU ROIS 7 E EMPORIUM 1 N KARTHAUS LOCK HAVEN	73.1 70.8 69.1 72.9 73.8	39.0 37.6 32.3 31.2 34.6	56.1 54.2 50.7 52.1 54.2	0.7	84 79 80 84 86	8 7 8 8 8	28 26 22 21 26	14	283 328 433 394 328	00000	00000	10	0	.05 .34 .25 .03	-	3.11	.27 .14 .03 .02	31 04 04 28	•0	0 0 0		2 0 0	0000	0000
MAOFRA PHILIPSBURG FAA AP RENOVO RIOGWAY STATE COLLEGE	69.6 68.0 73.9 71.1 71.8	31.0 36.0 38.3 32.5 43.0	50.3 52.0 56.1 51.8 57.4	2.6 4.8	83 80 88 81 83	7 7 8 8 8	22 20 30 23 34	5 16+ 15+	449 399 269 400 235	00000	00000	10	000	.07 .22 .02 .22	-	3.01 2.78 2.85		31	.0 T .0	0		0 1 0 1 0	00000	0 0 0 0
DIVISION 07			53.5	2.7										.13	-	2.93			T					
SOUTH CENTRAL MOUNTAINS																								
ALTOONA HORSESHOE CRVE BURNT CABINS 2 NE	73.6 75.9	44.1 39.7	58.9 57.8	6.2	86 89	7 8	31 27		195 224	00	0			.10	-	3.11	•03		•0			0	00	
EBENSBURG EVERETT 1 SW HUNTINGDDN	73.3 73.8	37.0 37.3	55.2 55.6	2.4	89 87	8	23		305 289	00	0		00	.03		2.83	.03		•0			00	0	
JOHNSTOWN KEGG MARTINSBURG FAA AP	75.7 74.5 71.5	39.3 39.2 44.5	57.5 56.9 58.0	3.2	87 86 84	19 7 7	30 22 34		228 252 217	0	000	) 6	0	.40 .13 .06		2.34	.31 .13 .05	28 27 31	•0	0		1 1 0	000	0
OIVISION 08			57.1	4,3										.11	-	2.81			•0					
SOUTHWEST PLATEAU													١.						١.			١.	١,	
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETTSTDWN 2 W BUTLER CLAYSVILLE 3 W	71.6 68.8 73.7 73.3M 76.0M	44.5 48.1 32.1 35.2M 34.3M	58.1 58.5 52.9 54.3M 55.2M	1.0	83 79 83 85 86	26+ 8 8	28		227 214 369 324 300	000	0	160 16	000	.39 .39 .65		2.30	.53	27 28 03 28 28 28	T			2 2 1 0		000
CONFLUENCE 1 SW OAM DONEGAL OONORA FORO CITY 4 S DAM INOIANA 3 SE	72.8 68.2 77.3 74.5 73.6	36.7 36.5 43.6 36.1 36.3	54.8 52.4 60.5 55.3 55.0	3,5	82 80 85 84 83	19+ 26+ 8	3:	31 • 15 • 130 15 • 31	309 385 153 293 305	000		0   1	0 0	1.00 3.00 .41	3	.57	1.8	0 04 3 27 27 4 28 9 28	000			1 3 3 1 2	2	0 2 0
MARION CENTER 2 SE MONTGOMERY L ANO D NEW CASTLE 1 N NEWELL NEW STANTON	70.5 74.5 75.9 79.1 76.5	43.4 42.1 37.4 40.8 38.4	57.0 58.3 56.7 60.0 57.5	3.0	80 84 85 89 85	7 7 8	3 (		245 205 253 172 230			0000	0 0	.3	3 .	2.40	.2		1 00			1 2 2		0 0
PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE DAM SALINA 3 W SLIPPERY ROCK	73.8 74.7 72.1 74.0 73.9	43.7 48.4 36.9 38.9 44.8	58.8 61.6 54.5 56.5 59.4	5.7 5.5	84 85 82 84 83	8 7	2	5 30				0 .	0 0	.00	5 ·	2.36 2.34	.0	31 7 27 4 30 6 27 8 28	T			1		0 0
STOYSTOWN UNIONTOWN WAYNESBURG 1 E	74.6 75.5	42.1 34.4	58.4 55.0	2.6	83	25		0 144	207			0 1	0	•3	5 .	2.55		5 27 3 28	:		0			000
01V1S10N 09			56.9	3.4										.5	2 .	- 2.32			1					
NDRTHWEST PLATEAU														_					١.					
BRADFORD FAA AIRPORT BRADFORO 4 W RES CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE	66.7 70.4 73.1 69.0 74.0	38.7 36.5 36.1 31.6 38.5	52.7 53.5 54.6 50.3 56.3		78 86 84 78 8	7 7 244	2 2 1 2	6 15	31 45	3 (		0 1	7 0	.3	2   1   8		.1	7 30 3 04 2 29		0000	00000		2 2 0	0 0
CORRY COUDERSPORT 3 NW OU BOIS FAA AIRPORT EASI BRADY ERIE WB AIRPORT	71.3 67.8 69.5 78.2 68.9	38.9 33.1 43.5 39.6 48.4	55.1 50.5 56.5 58.9 58.7	6.1	8	7 7	2 2	6 14- 1 14- 9 13- 9 14- 7 30	25 18	3 4		0 1	8 0	.8	7 0	- 2.57 - 2.17	.4	4 28 6 31 0 27		0 0	00000		2 2 4	0 0 0
FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW KANE 1 NNE	77.2 75.2 76.0 73.4 69.7h	45.2 39.5 39.1 37.8 31.4M	61.2 57.4 57.6 55.6 50.6M	6.4 5.6 4.9	8	4 8 7 7 5 8	2 2 2	3 13 9 16 8 14 6 14 0 13	• 22 • 28	8 9	0	000	0 0 3 0 5 0 6 0 7 0	.1	2 3	- 2.17 - 2.91 - 2.85 - 2.94	3	9 03 2 31 2 29 1 28		0 0 0	00000		0 1 0 2	00000
MEADVILLE 1 S MERCER 2 NNE TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN	73.1 74.4 72.3 73.1 71.2	37.2 35.3 36.6 34.3 39.0	55.2 54.9 54.5 53.7 55.1	3.8	8 8	4 7 2 18 2 17	2 2	9 15 3 14 8 14 3 14 7 14	30 32 34	9 0 3	000	0 1	1 (	.1	7	- 3.1° - 2.9		7 29 5 28 1 29 29 29 29		0	00000		2 2 2 2 2	00000
DIVISION 10			55.1	3,6	5									•4	2	- 2.7	3		1					

See Reference Notes Following Station Index

PENNSYLVANIA

Station	Total		anger on a segar					-	_	y of M	T		T 7			-	- т			-т				
POCONO HOUNTAINS	To	1 2 3	4 5	6 7	8	9	10	11 12	13	14	15 1	6 17	18	19	20 21	22	23	24	25 2	6 27	28	29	30	31
OUINUNK 2 RANCIS E WALTER DAM REELANO OULO 580RO AWLEY	.82 .11 .13 .31		*14 *03 *10 *2* *03			1					T					т					.0	9 12 17 13 17		
OLLISTERVILLE ONESOALE 4 NW AKE MINISINK AKEVILLE 1 NNE ONG PONO 2 N	.08 .22 .04 .04	T	*07 *14 T																		. (	18 14 14 T		T
ATAMORAS ILANVILLE AUPACK 2 WNW IKES CREEK LEASANT MOUNT 1 W	.03 .45 .08 .27 .31		. 42 .07 .27 .23								ı										. (	01	Т	
CRANTON WB AIRPORT TROUOSBURG OBYHANNA ILKES-BARRE EAST CENTRAL MOUNTAINS	.19 .03 .12 .23	.02 .10 .04	.12																	Т		)1	TTT	T .02 T
LLENTOWN WB AP R LLENTOWN GAS CO ETHLEMEH ETHLEMEM LEMIGM UNIV LAUSSVILLE	.15 .07 .02 .06	, 02 T	T T		Ť													1				08 07 T 02 T 06		.05
RESGEVILE 3 W EMIGHTON EW TRIPOLI ALHERTON ORT CLINTON	.10 .23 .11 .30	.10	,10 T	-   -	•	•	•			٠	•			-		-		-	-			T 07	-	.06
OTTSVILLE AMAQUA AMAQUA 10N GROVE 10NSVILLE 3 SE SOUTMEASTERN PIEOMONT	.03 .19 .13		•19 •12						Ì													01		
ECHTELSVILLE ERNE HAOOS FORO OATESVILLE 1 SW ONSHOHOCKEN	.03 .00 .00 T		Ť			т																03 T T		
EVAULT 1 W OYLESTOWN PHRATA EIGERTOWN EORGE SCHOOL SLENMOORE	.09 .21 .05 .16 .04		.04			T T																04 21 01 12 01 .03		.04
RATERFORD RATERFORD 1 E IOLIWOOD IONEY BROOK 1 W ANCASTER 2 NE PMP STA	.20 .25 .03 .14	•	, O 3 T			T																20 25 T		
ANOISVILLE 2 NW LEBANON 4 WNW HAPLE GLEN HARCUS HOOK	.00 T .07	•07 T			τ	т													т		T	T 23		T •09
IT GRETNA 2 SE IVERSTOWN IESHANINY FALLS IORRISTOWN	.23 .04 .04 .02				T	т													T	•		04 04 02		T .12
PHIL OREXEL INST TECH HILAGELPHIA WB AP R MILAGELPHIA PT BREEZE PHOENIXVILLE 1 E DUAKERTOWN 1 E READING WB CITY R	.04 .09 .19			-   -	Ť	- T	-		.   -	٠	•			-		<u>T</u>	-	-	Ī			10 04 T	-	.05
STRAUSSTOWN VIRGINVILLE WEST CHESTER WEST GROVE 1 SE VORK HAVEN	.03 .00 .02		•02																			03		
LOWER SUSQUEHANNA			T	1		Ţ																		
RENOTSVILLE SLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE SETTYSBURG	13 •04 •11	.02			Ť	T														T	1	13 T 01 T		•02
HANOVER HARRISBURG WB AP R HUNTSOALE HERCERSBURG NEW PARK SHIPPENSBURG	00+ T 002 00+	.04 T	T •02		Ť											Т					. OZ 1	Ţ	Ť	+01 T
SOUTH MOUNTAIN SPRING GROVE YORK 3 SSW PUMP STA HIOOLE SUSOUEHANNA	02 T 02	.02			Ť	T																		T
BEAR GAP BEAVERTOWN BERWICK CAMP KLINE CEOAR RUN	.29 .00 .15 .12 .19	.10	7 •04 •17																		.01	.02 .12 .15		. 02
OANVILLE ENGLISH CENTER JERSEY SHORE LAURELTON STATE VIL LEWISTOWN MILLVILLE 2 SW	.02		.03				•								: .	-	-				-   :	т	- T	-
MILROY NEWPORT SHAMOKIN SUNBURY TOWER CITY 2 E	.01 .23 .01		.04 T .21 .07														Ť					02 1 T		
WATSONTOWN WILLIAMSPORT WB AP	•15	,02														1					·03	TT	T	.0

Continued			PENNSYLVAN OCTOBER 19 Day of Month														1963	-														
Station	Total	1	2	3	4	5		6	7	8	9	10	11			f Mont		6 1	7 18	19	20	21	22	23 2	4 2	25 2	26 :	27 2	28 2	9 30	31	-
UPPER SUSQUEHANNA AUSTINBURG 2 W	.43	1			7				<u>,                                    </u>					-							J								.43	T		-,
CANTON I NW COVINGTON 2 WSW Olxon	.12 .08 .04 .05				* * * * * * * * * * * * * * * * * * * *	02																							.08 .02 .05	T T	т	
DUSHORE 2 SSW  EAGLES MERE HOP BOTTOM 2 SE	.20 .24 .26				:	01																						.21	.17	•0	2 T	
LAWRENCEVILLE 2 S LE ROY MONTROSE	.26 .28 .17					02 07 07																							.10	;°	7	
ORWELL 2 NW RUSHVILLE SUSQUEHANNA TOWANOA 1 ESE TROY	.20 .30 .43 .25					02 18 09 17																							.18 .12 .34 .07	•0		
WELLSBORO 3 S CENTRAL MOUNTAINS	.10				1																		Ť						.10			•
BELLEFONTE & S CLARENCE CLEARFIELO	•05					05																							T .07		١.	.22
CLEARFIELD OU BOIS 7 E EMPORIUM 1 N	.35 .34 .25			т		14																						.07	.11			.27
GLEN HAZEL 2 NE OAM KARTHAUS LOCK HAVEN	•19 •03 •03			•0		04 03 01																						.04	.09 T .02			
MADERA MAHAFFEY	.07 .15			.0	'	. 12																						ı	.03	т		
MEO1X RUN M1LLHE1M PHILIPSBURG FAA AP RENOVO	.08 .11 .22 .02			.0	3	•11 •02																						.01		Ŧ	1	. I a
RIOGWAY SINNEMAHONING	.09			T	1.	.03																							.19 T	Ť		
STATE COLLEGE SOUTH CENTRAL	.08				'	.08																						П	Ì			
MOUNTAINS  ALTOONA HORSESHOE CRVE BREEZEWOOO	.10			.0	14																							И	.01 .35			.05
BUFFALO MILLS BURNT CABINS 2 NE CARROLLTOWN 2 SSE	.00 .35 .03	1				.05																						.03	.07	•	01	
CRESSON 2 SE EBENSBURG	.11	-	-	-		.08	-	-		-	-	-			-						-	-	-	-	-		-	-	.03		1	-
EVERETT 1 SW HUNTINGOON HYNOMÂN	.00	i				.10																			Н				.10	T .01 .	05	
JOHNSTOWN KEGG MAPLETON DEPOT MARTINSBURG FAA AP MC CONNELLSBURG	.40 .13 T .06			•0	)3					т										ı								.13 .01	T T .08	.06		.05
SAXTON TYRONE 4 NE BALO EAGLE WILLIAMSBURG WOLFSBURG	006 •01	l,				.06 .01 .07					T																		T T .04	Ť		
SOUTHWEST PLATEAU ACMETONIA LOCK 3	.45	,				.03						1											1					.16	.41	.07	05	.07
BAKERSTOWN 3 WNW BEAVER FALLS BLAIRSVILLE 6 ENE BOSWELL 1 SW	.33 .33 .35	3		•0	03	.06 .05 .04																	ŀ		H			.12	.10 .13 .15	T •	14	.07
BRADDOCK LOCK 2 BRUCETON 1 S BURGETTSTOWN 2 W	1.0	(		• ]	14	T																						•	1.04 .13 .53	.03	07	
BUTLER CHARLEROI LOCK 4 CLAYSVILLE 3 W	1.0	7		• (	0.3	•02																						T	.96		06	
CONFLUENCE 1 SW OAM CONFLUENCE 1 NW CONNELLSVILLE CORAOPOLIS NEVILLE IS	.20 .30 .80	0				.10					Ť									1									.05 .11 .60		20	
CREEKSIDE OONEGAL OONORA	1.0	9	-	-	05	.08	•	-	•	τ	•	•	•	•	•	•		•	•					-				.73 1.80	1.05 .24	.10 .09	03	.23
FORO CITY 4 S OAM GLENWILLARO OASH OAM GREENSBORO LOCK 7	.0			·		.03					Ŧ									ł									.03		05	
INDIANA 3 SE KITTANNING LOCK 7 MARION CENTER 2 SE	•3 •1 •1 •7	4		•	11	.10 .01																						.57	.09	.09	02	
MC KEESPORT  MEYERSOALE 1 W MONTGOMERY L AND 0	-1	1			02	.06																	1						.05 T	τ ,	.09	
NATRONA LOCK 4 NEW CASTLE 1 N NEWELL	•1 •1 •3	7 3 0			02	.02																							.23	.02	.01	.03
NEW STANTON PARKER PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY	1	2 6 6			04	т				Ť		ł																.02	T .29	.03	.09	.10
PUTNEYVILLE 2 SE OAM RICES LANGING L 6 SAGAMORE 1 5	*0 *1 1*0	4				.03																						.16	.09		.02	.03
SALINA 3 W SCHENLEY LOCK 5 SLIPPERY ROCK	.3	2		:	08	.03																							.17	.02	.05	
SOMERSET FAIRVIEW ST STOYSTOWN	.1	-	-		.03				-	- T	-			•						•					-			.15	.04	.03	.05	.10
UNIONTOWN VANDERGRIFT WAYNESBURG 1 E	.2	1				.02 .03					т																	т	.13		.08	Ť
WHITESBURG NORTHWEST PLATEAU	•0	13		T																									,.,			
BARNES BRAOFORO FAA AIRPORT BRAOFORO CNIRL FS	.7	-	•		24	.14	-	•	-	٠	•		•	•	•	•	•	•	٠	•	•			•			•	. 21	.10	•	•	.25
BRADFORD CHTRL FS BRADFORD 4 W RES	- 5	2			. 20	.12																						.18	.22			.02

# DAILY PRECIPITATION

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Continued	T 7																														00 70	BER .	963
Station	Total		-					-	-						Da	y of	Month	_	-		-			_	_		-	_					
		1	2	3	4	5	6	7		0	9	10	. 11	12	13	14	15	16	17	10	19	20	21	22	23	24	25	26	27	28	29	30	31
CLARTON 3 3W CLERMONT 4 NW CONNEAUTVILLE COOKSBURG	.31			.0	.3																								.04	.12 .11 7	-02	.17	
CORRY	. 90			. 2	• •0	9																					-		.07		,48		.04
COUGERSPORT 3 NW COUGERSPORT 6 E OU BOIS FAA AIRPORT EAST BRACY EOINBORO	.87	-		.0	-	-				-		-						-	•	-	-	٠	٠	-	•		•		.34	.24	- 09	-10	.44
ERIE WB AIRPORT FARRELL SMARON FRANKLIN GALETON GREENVILLE	1.13 .28 .12 .28			T .0	.0	2																							. 48	.18	-		.31 .10 .
JAMESTOWN 2 NW KANE 1 NNE LEWIS RUN 3 SE LYNCH MEAOVILLE 1 S	.03 .31 .39 .54				.0	6																							₹ •05	.21 .08 .49	.02	.01	•
MERCER 2 NNE NORTH EAST 2 SE RAYMONO REW RUSSELL	.25 .85 .25 .57				.0	3																			т				.01	.22	.40	.10	•
STUMP CREEK TIONESTA 2 SE OAM TITUSVILLE WATER WORKS TORPEOO 4 W TURTLEPOINT 4 NE	.09 .27 .39 .86		T	, O	.0	2 T		1																					.13	,09	.11 .18 .51	T	.16
UNION CITY FILT PLANT WARREN WEST HICKORY	.72 .50 .27				.0	9																							.08 .02	.19 .37 .14	.35	.11	:

PENN5YLVANTA OCTOBER 1963

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
POCONO MOUNTAINS																																	
FRANCIS E WALTER DAM	MAX MIN	61 32	69 34	75 42	68 45	57 28	69	77 45	82 53	61 32	62 28	68	71 35	5 9 3 5	60 26	70 26	74 29	74 35	77 37	80 39	80 39	76 37	74 44	55 35	69	75 38	75 37	76 40	78 47	55 36		44	68.3
FREELANO	MAX M1N	65 48	76 50	68 46	58 35	61	75	82	72 42	72	74	72	64 36	63 34	64 36	74	74	77	82	78	76	75	63 46	71 41	78	77	77	79	71 46	52 36		55 31	70.0
HAWLEY	MAX MIN	63 37	74 38	80 39	73 44	62 28	73 29	85 32	88 42	67 32	68 30	73 30	76 32	64 28	67 28	74 28	81 33	81 33	81 36	83 39	86 38	76 38	81 36	61	75 35	79 37	82 37	83 39	83 42	5 9 3 2		45	73.5 34.4
MATAMORA5	MAX MIN	74 39	78 42	76 46	64 45	75 29	84 39	92 42	85 53	69 36	72 33	78 35	72 40	68 33	75 28	81	81 35	8 2 3 8	83 42	85 44	81 42	79 39	70 44	70 35	79 38	80 39	83 43	81	71 47	5 7 3 8		62	75.4 38.8
MILANVILLE	MAX MIN	63 35	74 36	80	73 39	60 27	74 26	82 35	88 35	67	66 26	71 27	74 30	63 25	65 24	75 25	80 29	79 29	78 31	83 36	84 37	78 33	79 33	63 29	71 33	78 33	81 33	82 33	83 41	64 32	62 29	44 25	73.0 31.4
PLEASANT MOUNT 1 W	MAX M1N	5 8 3 2	68 39	71 42	67 40	56 28	67 28	75 40	79 46	5 9 30	58 29	65 30	68 40	55 35	5 8 2 8	66	72 33	71 33	73 41	77 42	78 38	75 39	71 41	5 7 3 5	65 39	73 39	73 42	76 42	74 42	55 37		38	65.9 35.9
SCRANTON	MAX MIM	63 39	73 40	78 44	71 47	62 34	72 33	80 40	85 49	66 38	64 36	72 37	76 41	62 39	65 35	72 35	80 40	79 39	79 44	84 48	83 47	84	76 47	67 45	75 45	79 45	79 47	82 49	83 51	59 40		47 35	72.5 41.7
SCRANTON WB AIRPORT	XAM NIM	72 43	78 46	71 54	5 9 4 2	67 35	77 39	83 56	6 9 5 0	63 39	69 38	74 42	60 44	62 39	69 35	74 39	76 39	74 42	80 47	81 48	79 48	75 46	62 47	68 44	75 45	77 47	79. 49	78 51	60 46	48 39		5 9 3 6	69.8
5TROUDSBURG	MAX MIN	74 37	77 40	74 42	63 39	72 28	82 31	89 42	66 45	67 33	71 29	77 32	66 39	67 32	76 26	77 32	79 34	80 36	87 41	82 40	72 38	74 37	58 38	70 34	78 35	76 40	81 44	83 42	59 45	52 36	44 34	60 31	72.0 36.5
TOBYHANNA	MAX	70 30	73 35	66 47	58 40	70 31	79 32	81 48	74 51	61 31	69 28	71 31	63 44	60 34	68 26	76 34	74 36	77 40	79 43	80 39	75 40	77 39	65 39	77 35	76 34	75 38	77 39	77 40	70 44	52 35	42 31	54 32	69.9 37.0
FAST CENTRAL MOUNTAIN																																	
ALLENTOWN WB AP	MAX	72 41	76 44	74 48	65 44	68 35	78 40	83 50	67 52	67 43	69 37	73 40	65 48	66 36	74 34	78 38	81 40	80 45	81 47	82 46	73 47	82 44	59 41	69 40	78 42	78 44	78 56	83 50	64 47	54 41		60 37	71.8 43.0
ALLENTOWN GAS CO	MAX MIN	66 41	74 43	78 46	76 52	66 36	72 40	82 46	86 48	70 42	68 38	71 40	75 43	65 37	68 36	75 38	80 40	82 43	83 46	83 46	84 47	75 44	82 45	60 43	70 44	79 44	79 46	80 51	85 55	60 39	53 39	51 38	73.5 43.1
BETHLEHEM LEHIGH UNIV	MAX MIN				68	73 36	84	92 58	74 58	74 47	76 41	79 43	67 50	70 38	80 37	85 45	89 45	90 50	88 52	90 51	77 53	86 49	61 51	74 45	85 48	84 48	85 61	91 58	61 57				79.3 48.7
PALMERTON	XAM MIN	72 40	75 42	72 47	62 42	69 32	80 34	88 45	66 53	67 38	69	79 36	63 48	66 36	75 31	79 33	81 35	81 38	80 43	81 43	72 44	80 42	56 42	69 39	72 42	75 45	78 49	82 42	60 49	51 40	50 39	60 36	71.3 40.5
PORT CLINTON	XAM MIN	67 37	76 39	78 38	76 41	68 26	73 28	80 34	86 36	68 32	69 26	73 32	76 28	70 28	70 25	76 26	82 27	82 32	8 4 3 2	82 36	83 36	77 37	80 38	77 36	69 37	78 38	80 40	80 42	85 46	5 9 3 3	55 34	54 28	74.6 33.8
210N GROVE	MAX MIN	62 34	72 34	77 33	73 47	60 26	69 26	81 30	84 46	65 34	65 28	68 28	74 32	62 30	63 25	71 25	75 25	77 25	78 32	82 36	82 35	81 36	75 36	55 36	69 37	64 37	78 37	79 38	79 37	58 35	51 34	47 32	70.2 33.1
SOUTHEASTERN PIEDMONT																																	
COATESVILLE I 5W	MAX M1N	67 43	75 44	77 44	76 49	65 33	69	80 38	84 48	74 42	67 36	70 36	75 38	67 35	66 33	73 34	80 37	80 39	82 42	82 44	83 44	74 47	80 49	56 43	71 42	79 41	77 42	79 52	83 54	62 47	53 38	53 32	72.9 41.3
OFVAU; T 1 W	MAX MIN	72 46	74 45	75 44	64 45	68 33	78 48	84 56	75 56	68 42	69 38	77 42	61 42	62 38	71 33	74 49	78 51	81 53	76 49	81 53	93 51	81 48	68 51	69 43	74 50	75 48	78 54	80 54	64 46	64 37	51 37	63 36	72.5 45.7
EPHRATA	MAX	75 45	78 50	76 53	67 49	70 38	79 40	85 55	75 58	69 44	71 43	75 42	68 50	63 41	73 37	79 41	81 42	81 45	81 51	82 51	76 53	80 50	63 53	69 46	76 45	76 48	75 58	82 52	67 55	57 46	52 37	60 39	72.9 47.0
GEORGE 5CHOOL	MAX M1N	65 40	67 41	75 43	73 48	64 32	69 36	79 40	84 45	75 39	62 33	66 35	71 43	65 35	62 33	72 34	79 36	80 39	80 41	81 42	82 48	70 45	79 46	56 41	66 40	77 40	76 40	77 48	82 50	57 42	55 39	50 35	70.8
GRATERFORD 1 E	XAM MIM	65 40	72 41	75 45	75 52	63 33	68 37	78 38	84 52	68 43	65 35	67 37	74 38	65 35	65 32	72 35	78 37	80 39	82 42	78 45	83 48	72 41	80 44	56 43	68 41	77 42	76 44	77 51	83 50	58 42	53 38	51 36	71.2 41.2
HOL TWOOO	MAX MIM	75 48	77 50	75 53	65 47	68 41	80 43	85 51	71 52	65 46	68 43	75 45	65 53	63 43	70 42	72 44	75 46	73 50	78 50	82 51	75 56	75 53	62 52	70 50	75 49	75 59	82 55	86 49	66 49	56 44	55 41	60 41	71.6 48.3
LANCASTER 2 NE PMP STA	MAX	75 41	77 43	76 51	74 51	69 32	79 36	84 44	80 49	66 40	68 36	75 38	69 44	64	72 32	75 33	79 35	78 38	79 42	81 43	75 45	81 42	75 52	68 42	75 42	78 42	76 52	82	73 56	57 40	53 38	59 38	73.3 41.9
LANOISVILLE 2 NW	MAX M1N	65 39	73 42	77 48	75 49	63 30	68 34	78 41	85 47	71 36	65 32	69 36	75 41	64 31	63 29	72 25	76 32	77 36	78 40	80 42	81 43	75 41	80 44	56 39	67 40	75 41	76 44	76 46	81 56	59 42	56 37	52 31	71.2
LFBANON 4 WNW	MAX	66 45	73 47	76 48	73 50	64 39	67 41	78 45	85 51	68 45	67 40	70 40	74 44	66 39	65 39	72 40	76 41	79 42	78 48	81 47	81 50	75 48	80 47	55 43	67 45	76 46	75 51	77 53	83 52	58 43	52 35	52 36	71.3
MARCUS HOOK	MAX	75 51	75 55	72 56	67 50	68 41	76 50	81 54	74 57	66 50	69 46	73 50	67 50	66 43	74 47	78 47	80 50	80 55	78 52	81 52	72 56	80 55	60 52	69 51	78 50	75 50	72 60	79 56	63 52	56 44	55 41	59 42	71.5 50.5
MCRGANTOWN	MAX	70 42	74 45	73 53	70 44	70 34	76 39	83 48	81 43	65 42	68 37	73 40	70 50	65 35	70 35	75 38	78 40	80 43	81 44	84 48	73 48	80 44	70 45	67 41	74 44	76 44	74 58	79 50	68 50	65 40	57 36	58 32	72.5 43.0
MT GRETNA 2 5E	MAX	73 41	77 42	75 48	63 40	69 31	78 38	86 46	71 47	67 36	6 9 3 5	75 48	67 41	65 39	72 32	78 46	80 43	80 45	80 44	80 46	76 48	81 47	65 41	67 49	76 44	74 45	76 45	82 45	75 44	56 40	53 37	58 35	72.4
NORRISTOWN	MAX	76 46	78 48	77 57	67 47	71 38	82 42	87 52	73 52	68 47	70 41	77 45	68 49	68	75 38	81 41	82 43	83 45	60 49	84	73 52	8 3 4 8	61 47	70 48	79 46	79 47	80 61	85 55	51	55 42	53 37	39	74.0
PHIL OREXEL INST TECH	MAX	76 51	75 53	77 55	66 52	72 43	77 48	80 53	72 55	68 48	68 44	71 46	65 48	64	74 44	78 47	76 49	83 54	78 55	81 54	71 58	81 54	59 51	70 52	78 51	78 53	77 59	84 57	59	54 44	54 41	64 42	71.9
PHILADELPHIA W8 AP	MAX MIM	72 41	74 44	74 54	65 40	67 40	76 40	81 53	73 55	66 40	66 37	72 43	66 46	63	71 34	76 36	78 39	78 38	75 43	79	71 48	80 53	58 49	70 47	74 43	73 41	73 57	80 54	62 53	54 42	52 39	61 35	70.3
PHILAGELPHIA PT BREEZE	MAX																																
PHOENIXVILLE 1 E	MAX M1N	74 39	75 42	76 53	70 50	70 31	79 35	85 46	76 50	66 38	69 34	74 38	67 46	66	72 37	81 33	79 35	81 36	79 41	83 42	73 44	81 40	70 47	68 40	77 39	77 40	77 54	83 48	50	58 38	38	61 35	73.3
QUAKERTOWN 1 E	MAX M1N	73 37	77 39	74 52	72 48	71 30	80 33	83 50	81 48	68 38	72 31	74 34	72 45	67 42	72 29	78 32	79 34	82 37	82 43	83	80 45	81 38	77 52	69 37	77 37	78 40	78 54	82 46	75 51	56 37	37	60 38	74.3
READING WB CITY	MAX MIN	74 47	78 49	76 59	67 50	70 41	78 44	85 56	72 56	69 48	71 42	75 45	68 53	67 40	74 40	78 42	82 45	81 46	83 50	84 51	74 52	83 49	60 47	71 46	78 46	79 48	78 60	83 55	67 50	55 44	53 40	60 42	73.3
WEST CHESTER	MAX M1N	69 39	75 45	78 46	77	68 36	71 39	81	85 49	70 41	70 37	72 38	77 38	69	68 37	75 39	82 42	84	83 45	82 46	83 50	71 48	81 48	57 42	71 43	79 43	78 44	81 46	85 47	60 40	53 31	54 32	73.8

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Averag
WEST GROVE 1 5E	MAX	65	72 48	72 52	74 49	63		76 38	80 53	72 44	65	67	71 41	65	63	71 45	76 48	72 48	79 48	79 48	80	71 51	79 51	57 47	68 46	75 47		75 47	81 53	59 45	52 37	51 38	70.0 45.2
LOWER SUSQUEHANNA																																	
ARENOT5VILLE	MAX	68 4I	76 41	80	77	66 35	72 37	83	87 46	76 40	66 36	73 37	77 39	66 36	67 32	76 33	80 39	81 45	81 47	82 47	83	80	79 48	57 47	70 45	79 43	77 44	76 48	83 54	60	57 36	52 40	73.8 42.0
BLOSERVILLE 1 N	MAX	67	74 45	78	75 49	68	72 44	81	87 57	73 43	69 39	73 45	75 41	70 40	69 39	74 42	80 48	82 50	8 I 4 8	82 49	83 50	81 52	79 53	55 45	70 46	79 48	76 48	80 52	84 50	62 43	57 37	53 33	73.8 45.6
CARLISLE	MAX	76 46	81	77	69 53	74 34	83	88	75 55	70 45	73 35	80 38	73 50	68	76 32	8 O 3 5	82 38	81 47	82 44	84 43	80 45	79 45	6 7 5 3	71 45	78 44	80 43	80 45	84 50	71 55	59 46	54 38	55 38	75.2 43.6
CHAMBERSBURG 1 ESE	MAX	74	78 40	75 53	69 45	72 31	79 36	85 45	75 51	67 37	71 34	75 36	69	67 31	73 31	78 32	80 35	81 38	81 43	81 42	81 43	79 43	59 50	69 49	77 42	76 41	80 44	82 47	66 40	57 37	53 37	56 41	73.1 40.6
GETTY5BURG	MAX	68	74 42	78 53	76 50	68 36	72 37	81 47	87 61	76 43	67 36	72 38	75 49	67	67 33	75 35	80 37	82 43	82 46	83 47	83 47	80 46	80 53	58 47	71 44	78 42	76 47	78 49	83 55	60 45	57 37	52 41	73.7 44.2
HANOVER	MAX MIN	70 43	77 46	79 50	77 48	69 36	74 38	8 l 5 3	86 53	79 46	70 38	74 38	76 45	69 40	67 38	75 39	81 41	83 43	82 46	85 49	85 49	82 47	82 48	57 45	71 45	80 46	79 47	79 53	84 54	60 45	57 36	54 37	75.0 44.6
HARRISBURG WB AP	MAX	74 46	78 45	76 5 I	65 41	68 35	80 39	87 50	71 52	66 41	69 36	76 40	66 45	63 37	73 32	76 34	78 36	77 41	78 44	80 45	77 45	79 45	59 47	66 41	77 44	75 44	76 50	82 50	64 43	57 40	53 38	57 39	71.7 42.5
MERCER5BURG	MAX	68	75 40	80 43	76 51	70 34	71 36	82 42	88 48	75 39	70 34	73 36	77 39	72 34	67 29	74 32	78 34	81 36	81 40	81 42	82 44	82 46	82 50	59 50	69 43	76 41	76 43	81 47	85 55	67 43	60 36	54 41	74.6 41.0
SH1PPEN5BURG	MAX	75 48	78 42	75 54	69 49	75 34	80 49	85 50	84 59	70 40	74 35	75 39	73 48	67 37	75 34	80 36	82 38	80 42	82 45	84 46	82 46	80 45	75 51	70 46	77 42	77 42	82 45	84 52	76 55	57 40	52 36	54 40	75.1 44.0
YORK 3 55W PUMP 5TA	MAX	77 41	80 42	78 53	75 44	72 31	82 35	87 44	84 51	69 37	72 33	76 36	74 42	67 30	75 30	80 31	81 33	80 37	84 40	85 43	81 43	82 40	79 47	72 40	80 41	80 38	79 39	84 47	74 56	58 34	53 38	58 31	76.1 39.6
MIODLE SUSCUEMANNA																																	
BERWICK	MAX	74 39	80 41	74 49	65 42	71 31	80 32	87 42	68 49	68 35	72 32	75 34	65 46	66 30	74 28	77 29	80 29	78 35	83 39	83 39	82 39	79 40	60 43	70 36	79 37	79 39	81 40	81 42	60 42	53 37	52 37	60 28	72.8 37.5
ENGLISM CENTER	MAX	64 31	72 36	77 37	73 42	64 25	74 25	82 29	87 37	67 31	69 28	74 27	76 31	65 31	69 26	76 23	80 25	82 25	80 32	82 34	84 36	82 37	76 37	55 36	74 36	83 36	80 38	83 38	81 40	64 27		53 26	74.3 32.1
LAURELTON STATE VIL	MAX MIN																																
LFW15TOWN	MAX M1N	68 42	77 42	81 42	75 52	69 34	75 32	84 36	90 45	72 41	71 36	74 36	80 38	68 35	69 32	76 34	78 32	84 33	79 40	84 43	85 44	82 45	81 45	59 53	74 46	82 43	80 45	85 44	86 48	65 38	57 38	55 38	75.6 40.4
MILLVILLE 2 SW	MAX	63 37	71 38	75 40	71 48	63 30	68 30	76 33	85 49	67 35	67 34	70 33	73 37	63 33	67 30	71 31	75 32	77 35	75 40	80 42	79 43	80 45	78 41	54 41	70 40	76 39	76 42	79 43	78 47	61 42	53 35	50 33	70.7 38.0
NEWPORT	MAX M1N	70 41	77 40	80 42	76 52	70 32	75 32	83 35	89 45	71 40	71 35	75 34	78 36	68 33	70 30	78 30	79 31	80 33	78 38	82 42	83 42	81 42	78 43	57 50	73 43	78 44	77 43	81 43	83 47	63 39	58 39	55 38	74.7 39.2
5UNBURY	MAX	66 36	76 38	80 40	72 47	72 29	73 29	83 33	86 42	70 35	69 32	74 33	76 35	67 33	68 28	75 29	78 30	84 31	75 35	82 38	83 39	81 40	80 40	56 42	72 40	79 39	78 40	83 40	80 44	63 39	55 34	54 24	73.9
TOWER CITY 2 E	XAM MIN	63 35	72 38	73 41	73 49	61 30	68 30	79 33	85 42	65 37	65 30	69 32	74 36	63 30	63 28	71 30	75 30	76 33	81 37	82 39	81 42	78 40	78 42	58 35	70 39	40	75 41	79 45	80 49	57 40	53 36	30	70.7 36.7
WILLIAMSPORT WB AP	XAM NIM	74	79 43	74 53	65 41	71 34	79 38	86 42	70 50	69 38	74 36	74 39	65 41	69 36	76 32	76 34	82 35	76 40	82 43	82 43	80 45	78 45	56 43	69 46	77 42	44	81 45	81 47	62 41	52 39	52 38	55 34	72.4 40.9
UPPER SUSOUEMANNA																																	
AUSTINBURG 2 W	MAX	60 36	72 39	77 39	67 41	61 25	75 28	81 36	83 46	63 30	31	72 34	75 40	65 35	67 26	74 30	31	78 33	80 42	82 41	81 41	80 42	68 35	36	75 40	80 42	80 46	79 45	44	30	30	30	71.2
CANTON 1 NW	MAX	60 32	70 45	73 46	69	59 30	65 32	79 32	83 51	68 35	38	70 41	75 43	70 38	63 35	73 35	73 41	70 45	76 50	80 47	40	78 50	67 40	40	68 46	78 46	75 50	70 51	79 46	36	30	31	68.9
OTXON	MAX	64 38	72 38	76 40	71 46	28	68 29	30	86 40	71 32	28	74 28	74 34	61	63 28	73 28	76 28	28		33	37	36	36	38	70 39	78 37	78 37	38	79 41	36	35	27	71.0
EAGLES MERE	MAX	58 33	65 44	69 48	67 41	55 36	36	72 52	78 48	39	40	43	68 42	36	59 36	44	73 49	75 50	73 53	59	77 59	77 55	68 45	48	43	73 42	72 54	73 52	71 45	35	29	27	43.8
LAWRENCEVILLE 2 5	MAX	37			62	71 26	29	88 42	78 51	28	28	40	69 44	37	71 24	27	24	32	83 36	36	81 37	68 36	39	75 40	36	40	82 40	79 38		47 25	61 34	27	73.1
MONTROSE	MAX	34	69 38	44	68	55 28	28	78	50	34	34	68 37	70 40	36	60 35	35	74 41	75 41	73 46	49	79 49	78 48	70	60 38	37	73	75 47 82	77 48 80	76 44 62	35 52	42 30 49	40 29 57	67.5 39.5 72.0
TOWANDA 1 E5E	MAX		76 41	57	61	28	31	51	78 54	32	30	75 34	68 46	34			78 29	78 34 77	81 38 77	82 38 80	81 38 79	70 40 78	60 36 65	71 41 50	78 38 70	81 38	40	41	45	29	34	30	37.6 68.6
WFLL580RO 3 S	MAX		69 41		67	5 9 3 2	71 33	79 45	80 47	35		71 42	73 41		62 37	40		47			52			44	45		53				30		42.1
CENTRAL MOUNTAINS									0.4			72	7/	4.7		75	7.0	80	80	83	0.2	80		55	73	81	79	80	82	62	52	52	73.1
BELLEFONTE 4 5	MAX	44	39	77 39	48	38	39	80	58	35	31		38	35	28	29		34 75		41	42 78	42	42		41	78	43	46	62	36 57	34	34	39.0
0U 8015 7 E	MAX		39	54	43	27	77 32	79 52	78 46 80	64 32 63	69 32 62	73 34 70	72 38 72			28	75 29 73				41 78	38	46	61	41 70	40	42 76	76	43	28	30	34	37.6
EMPORTUM 1 N	MAX	31	38	38			70 24	28	42 84	63 30 68	27	27	31		22	22	78		35	35	38	38	29	38	39 75	39	40	40	81	28	30 59	31	32.3
KARTHAUS	MAX	31	73 36	37	43	25	26	81 29 81	35	28 71	29	72 29 74		26	21	21	78	23		33	34	34	35	37 57	38	40	37 79	37	39	26	27 57	28	73.8
LOCK HAVEN	MAX	33	37			28	72 28	31	41	33	29	29	73 73		26	26	76 26 71		35		38 78	38 78	39	39	39	40	39	39		32		33	34.6
MADERA	MAX MIN MAX			30			67 24 77				64 28	67 27 72	29	25	22	22		29		36	35 75	35 76	35	40 67	37 75	37	36 76	37 76	40	28	30 45	31	31.0
PHILIPSBURG FAA AP	MIN						28					34						35					49	47	40		41	43			30	35	36.0

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	0f M	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Average
RENOVO	MAX	64	75 43	80 43	74 50	68	75 33	82 35	88	70 37	68	73 34	78 38	68 37	69 31	72 30	78 30	80 32	75 37	83	81	83	78 43	60	74 45	78	80	82	80 46	67	57 33	52 35	73.9
RIOGWAY	MAX	62	70 35	75 35	65	62	74	78 29	81	62	67	72 31	75 32	63 28	67 23	74 23	76 24	77 26	78 33	80	79 35	78	75 36	68	75 37	79 38	80	79	78 42	60	48	48	71.1 32.5
STATE COLLEGE	MAX	64	73 45	78 46	69	65	73	81	83	68	67	71	76 43	65 35	65 35	74	78 37	79 38	77 45	82	81	79	75 48	55 50	71	78 45	77	80	79 51	61	52 35	49	71.8 43.0
SOUTH CENTRAL			•		10				- 0							-													•			"	.500
ALTOONA HORSESHOE CRVE	MAX	75 42	79 42	70 54	66	74 35	84 43	86 57	74 53	69 37	73 37	79 42	68	67 31	74 36	79 39	80	80 50	82 49	81	80 48	78 47	64	72 50	79 47	80 45	82 51	81 55	66	54 39	50 32	55	73.6 44.1
BURNT CABINS 2 NE	MAX	73 38	78 40	78 55	72 47	70 29	80 34	88	8 9 5 7	68 35	71 31	75 34	86 41	67 28	75 27	80 29	81 31	80 37	83	82 41	82 41	80	80 50	71 50	80 42	79 39	82 43	83 46	70 53	63 36	52 35	55 34	75.9 39.7
EPENSBURG	MAX MIN																																
EVERETT 1 5W	MAX MIN	68 38	72 40	81 55	69 42	68 29	70 32	81 34	8 9 4 2	73 34	69 30	71 32	63 34	68	67 24	74 23	74 30	.81 32	82 38	83 39	79 38	83	73 38	61 46	71 37	80 38	84	75 52	83 54	63 39	59 33	58 34	73.3 37.0
HI:NT INGOON	MAX MIN	62 36	76 38	81 38	13 49	68 24	74 32	84 38	87 48	70 37	69 33	73 31	79 34	69 30	67 29	75 29	78 28	80 30	79 37	81	82 40	80	79 40	60 43	72 43	78 45	78 41	82	81	63 36	56 37	53	73.8 37.3
JCHNSTOWN	MAX MIN	65 37	78 39	79 43	70 42	68 32	79 35	80 37	80 51	69 37	71 33	71 35	81 40	68 32	73 30	78 30	81 31	80 36	82 44	87 42	85 44	85 43	81 43	68 45	82	86 43	85 43	82 46	80 51	63 42	60 36	50 34	75.7 39.3
KFGG	MAX MIN	74 39	78 38	75 53	67 41	76 30	84 33	86 55	69 49	70 38	76 32	80 33	69 41	67 31	78 28	81 29	82 38	83 38	84 41	83 42	83 41	79 40	61 43	74 50	82 42	82	83 42	80 45	65 50	51 38	50 22	58 33	74.5 39.2
MARTINSBURG FAA AP	MAX MIN	72 44	77 46	71 56	65 42	72 34	82 40	84 60	70 52	65 39	70 39	78 45	65 46	63 35	74 34	77 35	79 42	78 47	79 50	80 50	80 48	76 47	56 49	70 51	77 43	77 47	78 50	80 51	62 49	53 39	49 34	56 37	71.5 44.5
SOUTHWEST PLATEAU																																	
BAKERSTOWN 3 WNW	MAX MIN	71 38	75 41	72 59	60 43	67 35	78 38	81 50	75 48	66 38	70 40	75 44	66 45	63 32	69 33	72 36	75 37	77 46	17 47	79 48	78 52	76 48	76 57	79 50	81 60	83 58	81 55	70 58	62 46	63 36	52 30	50 32	71.6 44.5
BLATESVILLE 6 ENE	MAX MIN	70 44	74 52	65 54	59 42	69 39	76 51	79 60	61 48	63 42	69 44	75 46	61 44	62 37	70 46	71 47	74 52	74 54	77 56	78 57	76 57	75 56	66 51	74 47	77 54	78 55	79 56	78 58	58 45	5 0 3 5	45 28	50 34	68.8 48.1
BURGETTSTOWN 2 W	MAX MIN	66 28	74 30	78 38	70 38	64 27	75 28	82 29	83 43	66	69 29	74 30	77 35	65 25	67 23	74 24	78 25	80 29	81 36	80 33	82 34	80 37	78 37	79 37	80 38	82 42	77 40	81 40	80 41	61 27	51 21	51	73.7 32.1
BUTLER	MAX MIN	66	75 36	77 39	67 37	65 28		81 30	85 44	65	70 32	74 33	79 35		69 24	76 25	77 28	79 31	81 39	81 37		80	78 42	77 38	79 40	80 43	80 43		80 43	60 37	48 31	50 32	73.3 35.2
CLAYSVILLE 3 W	MAX MIN	77 30		74 60	70 36	72 25	83 28	84 40	75 45	71	77 29	78 32	70 35	70 24	78 22	81 24	82 27	83 35	86 35	84 35	81 37	80	79 36	82 37	83	81	83 42	81 46	71 45	55 28	53 24	55 23	76.0 34.3
CONFLUENCE 1 SW OAM	MAX MIN	62 38	74 39	74 41	71 49	65 33	76 34	80 35	80 41	66 38	69 34	73 35	76 36	66 31	70 29	76 28	78 30	78 31	79 34	82 39	80 38	81	79 39	66 39	78 41	82 41	80 41	80 41	77 45	63 39	47 34	49 28	72.8 36.7
OCNEGAL	MAX MIN	66 38	70 39	65 54	62 35.	70 26	76 30	78 48	68	60 29	69 30	76 31	64 40	64 25	68 25	72 25	66 28	72 36	80 39	80 39	78 40	73 37	65 45	72 42	75 43	75 44	76 41	75 45	56 43	44 34	50 28	50 27	68.2 36.5
OCNORA	MAX MIN	75 43	80 46	77 58	70 47	77 36	85 37	85 53	78 53	70 39	76 38	80 41	76 49	72 36	77 33	80 35	83 37	83 39	84	84 45	83 46	82 46	78 46	82 45	85 51	85 48	85 50	81 53	70 51	62 40	55 31	55 35	77.3 43.6
FORO CITY 4 S DAM	MAX MIN	67 35	75 36	80	70 41	65 31	76 31	82 33	84 46	66 35	69	75 32	79 35	67 32	69 26	76 26	78 28	80 30	80 37	83	82 39	81 40	81 40	77 39	80 39	82 43	81 43	81 45	80 48	63 37	5 0 3 2	51 31	74.5 36.1
INDIANA 3 SE	MAX MIN	74 33	78 32	69 51	65 35	76 29	81 31	83 40	66 48	70 31	73 32	78 33	67 34	69 27	76 27	78 27	79 30	81 28	83 39	82	80 42	81 39	71 43	80 45	83 45	81 43	81 43	79 43	64 48	51 31	50 29	52 26	73.6 36.3
MARION CENTER 2 SE	MAX MIN	71 41	74 42	68 55	62 39	72 35	78 39	80 55	63 49	65 36	68 40	76 42	64 39	66 35	73 35	75 39	76 41	78 46	78 49	79 51	78 52	76 49	67 49	77 46	80 49	78 49	78 50	78 53	61 45	51 38	48 28	49 28	70.5 43.4
MONTGOMERY L AND D	MAX	74 39	78 43	71 54	66 42	75 35	81 37	84 48	76 51	69 39	73 38	77 37	71 43	67 37	73 32	77 33	80 36	82 43	81 45	80 41	80 48	79 46	78 48	80 44	82 50	80 50	81 48	82 51	67 46	60 38	53 30	53 33	74.5 42.1
NEW CASTLE 1 N	MAX	76 38	80 39	79 52	66 35	76 29	84 33	85 46	84 43	70 32	75 34	80 38	76 38	71 29	76 26	79 26	82 30	83 39	83 40	80 35	80 42	81 39	80	79 40	82	80 45	82 47	81 47	64	58 32	52 24	49 32	75.9 37.4
NEWELL	MAX MIN	69 38	81 40	81 56	74 47	72 34	84 33	88 45	89 53	73 37	74 34	80 35	81 49	71 34	73 30	81 31	86 32	86 39	87 42	88 40	87 43	85 43	83 43	81 42	86 48	88	87 46	86 51	82 53	63 38	53 34	53 31	79.1 40.8
NEW STANTON	MAX MIN	78 34	80 35	78 36	68 38	79 29	85 30	85 42	74 41	70 40	71 40	80 43	71 39	73 35	76 34	81 26	80 39	82 36	83 39	75 38	83 47	81 39	75 50	82 51	85 40	83 40	83 44	81 45	78 40	62 40	52 29	56 30	76.5 38.4
PITTSRURGH WB AP 2	MAX MIN	75 42	79 46	71 51	66 44	76 34	83 37	84 50	67 50	68 37	74 39	80 42	67 45	68 37	75 32	78 35	80 37	81 48	81 46	82 44	80 51	79 50	78 50	79 47	81 52	79 53	81 54	80 55	63 44	50 37	52 30	51 37	73.8 43.7
PITTSBURGH WB CITY	MAX MIN	75 49	79 49	70 56	67 49	75 39	84 42	85 60	71 53	70 45	76 44	80 46	68 51	68 40	74 39	77 41	80 43	84 50	84 52	82 50	82 54	80 54	77 53	80 49	81 55	82 54	82 55	80 57	65 50	52 40	53 36	54 44	74.7
PUTNEYVILLE 2 SE OAM	MAX	64 33	73 39	72 40	67 41	63 30	74 30	80 33	82 46	63 33	65 33	72 33	77 38	64 27	65 27	73 27	75 29	78 31	80 40	81 41	80 41	80 41	77 41	72 44	78 44	80 45	79 45	79 45	80 47	62 36	50 31	50 33	72.1 36.9
SALINA 3 W	MAX MIN	75 44	78 41	74 56	64 38	75 28	82 34	84 53	79 51	70 33	73 33	78 38	74 40	68 28	75 26	78 28	78 33	80 40	82 43	80 40	80 42	79 40	75 44	78 41	81 41	79 45	80 46	78 48	62 47	55 30	50 26	50 29	74.0 38.9
SLIPPERY ROCK	MAX MIN	73 43	78 50	73 57	65 42	75 36	82 41	83 55	78 48	69 48	74 41	79 45	75 45	68 32	76 33	78 37	80 42	8 2 46	80 45	81 41	80 48	78 50	76 50	79 46	81 53	79 55	80 53	78 54	61 47	52 36		48 38	73.9
STOYSTOWN	MAX MIN																																
UNIONTOWN	MAX MIN	74 39	77 41	75 60	67 46	75 33	80 36	81 49	78 56	69 35	73 36	77 36	73 41	68 30	74 30	77 31	79 33	80 40	82 43	82 43	81 43	79 43	74 54	81 51	82 49	83 48	82 47	77 53	65 52	57 42		57 32	74.6 42.1
WAYNESBURG 1 E	MAX MIN	68 33	75 34	79 37	74 41	70 29	77 29	83 30	83 42	70 31	70 30	74 30	78 32	68 27	68 25	77. 26	81 27	81 29	82 35	83 37	84 37	82 40	79 38	77 38	81 39	83 41	82 41	83 44	79 52	65 37	53 28	53 27	75.5 34.4
NORTHWEST PLATEAU																																	
BRADFORO FAA AIRPORT	MAX MIN	68 35	71 40	60 47	58 30		76 38	78 54	60 39	61 30	68 34	72 41	58 40	64 34	70 28	73 29	73 35	73 42	75 42	75 42	75 46	66 42	68 44	71 43	75 43	77 50	75 51	72 46	56 33	43 32		42 35	66.7 38.7
BRAOFORO 4 W RES	MAX MIN	69 35	74 39	73 52	58 42	72 26	78 32	80 44	79 48	63 31		73 35	72 38			73 26	76 29	74 38	78 38	78 37	77 38	73 37	70 40	74 36	77 39	78 43	77 45	74 46	58 42	53 29		49 29	70.4 36.5
	1	1			1									•																			

Continued

# DAILY TEMPERATURES

	-															Day	Of M	onth															erage.
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
CLARION 3 SW	MAX MIN	74 35	78 37	69 52	65 35	75 27	82 31	84	69	68	74 31	78 33	68 37	69 29	75 25	78 26	79 27	81 36	80 37	80 36	78 38	78 36	72 42	80 42	80 41	79 41	80 41	78 42	63	54 40	52 34	4 7 32	73.1 36.1
CLERMONT 4 NW	MAX MIN	62 28	72 36	6.4 30	62	72	76 34	78	75 38	64 25	66 25	73 28	70 38	72 32	68	73 18	75 26	75 30	78 34	78 34	74 34	70 30	72 34	68 36	78 36	75 36	75 37	72 36	60 40	5 2 30	46 28	4.4 30	69.0
CONNEAUTVILLE	MAX	67	76 42	81 50	65	62 28	76 36	86 46	87 37	61 32	70 37	77 40	80 35	63 26	66 27	73 29	77 32	82 42	82 43	83 36	79 43	80 37	73 42	81 45	8 1 4 4	82 51	82 49	84 49	75 39	62 35	50 34	50 35	74.0 38.5
CORRY	MAX MIN	73	76 45	71 50	60	73 29	79 34	83	75 40	67	72 35	76 38	62 42	68 26	72 26	75 28	78 32	79 32	80 40	78 38	79 43	72 42	74 43	76 45	80 44	78 50	80 47	73 48	59 48	4 8 3 6	48 30	4 7 35	71.3
COUDERSPORT 3 NW	MAX HIN	68	72 33	64	59	71 22	78 28	81	69 42	63 26	69	72 30	60 37	64	69	73 23	74 24	74 34	77 35	76 35	75 39	67 38	58 37	71 37	74 36	75 39	77 40	74 40	56 28	49	43	51 28	67.8
DE BOTS FAA AIRPORT	MAX MIN	71	75 43	62	61	71 32	76 43	80	63	65 38	71 38	74 42	63	66	74 37	73 40	75 42	76 48	79 49	77 50	78 51	75 51	66 48	78 43	78 51	78 51	76 52	76 51	61	46 34	4 6 3 1	45 36	69.5
EAST BRACY	MAX	78 40	81	80 56	68	78 35	84 35	87	85 38	79 40	82 36	82 38	80 42	72 34	80 29	80 30	81 31	84	84	83	83 42	82 43	82 45	8 2 4 3	85 41	84	83	83 47	65 48	60	50 33	5 6 3 4	78.2 39.6
ERIE WB AIRPORT	MAX MIN	71	80 55	70 55	56	65 38	85 54	88	59	63	70 49	78 54	58 44	5 7 3 7	64	68	75 48	73 54	76 53	81 54	74 51	62	79	79 53	79 59	80 62	74 61	65 49	58	48	49	51 43	68.9
FARRELL SHARON	MAX MIN	76 43	81	75 58	67	80 38	85 40	87	81 50	76 41	82 41	84 43	70 48	75 33	78 34	83 36	85 39	87 47	84 50	8 2 4 2	8 0 5 0	84 48	80 51	80 50	83 54	81 54	83 56	8 I 5 2	65 47	54 42	5 4 3 5	50 35	77.2 45.2
FRANKLIN	MAX M1N	66	74	78 52	66	65	73 31	81	84	78 45	78 36	75 36	79 35	76 44	71 33	75 29	78 29	81 36	83 38	8 2 4 2	81	81 43	81 43	75 41	78 42	81	80 45	83 49	80 46	63	55 37	51 34	75.2 39.5
GREENVILLE	MAX M1N	76 39	80 42	77 53	67	78 30	85 34	87	84 42	74 33	78 35	8 2 3 8	71 40	73 28	78 28	80 29	82 33	84	82 42	80 37	81 43	80 42	79 47	81 43	82 48	81	82 50	77 47	63	54 33	52 30	47 35	76.0 39.1
JAMESTOWN 2 NW	MAX MIN	67	74	80	67	62	76 30	84	85 46	64	70 35	75 35	80 48	64	66	72 28	78 30	81 34	80 40	81	79 36	79 43	76 44	78 44	78 45	81 52	80 48	8 2 4 6	75 39	61 33	4 9 35	50 33	73.4
KANE 1 NNE	MAX	60	69	74 45	65	60	72 22	78 29	81	60 27	70 28	75 32	61 34	67	71 21	74 24	76 25	77 33	7 g 3 2	78 32	77 33	72 33	67		73 35	77	78 39	78 40	77	5 7 2 5	45 31	45 27	69.7
MFAOVILLE 1 S	MAX MIN	67	74 40	79 42	65	63	75 30	83	84 41	62 33	71	75 38	78 39	62	69	74 29	76 31	80 33	H 3	81 36	79 37	79 40	76 42	77 44	78 44	80 48	80 48	8 2 4 7	75 39	61 37	47 33	50 34	73.1 37.2
MFRCER 2 NNE	MAX MIN	73	78 37	76 41	63	76 26	82 30	84	8 1 4 1	69 29	74	79 35	79 32	71 25	75 23	77 24	80 29	83 38	81 40	80	79 42	79 39	77	79 38	80 39	80	82 46	79 45	61	53 31	49	46 34	74.4
TIONESTA 2 SE DAM	MAX MIN	63	72 39	76 40	64	63	74 32	80	82 42	62 36	68	72 34	76 37	65	6 8 2 8	75 29	77	79 30	82 39	81 38	80 36	79 39	80 40	73 39	77	80 41	80 43	80 45	78 43	62 37	46 34	4.8 3.4	72.3
TITUSVILLE WATER WORKS	MAX M1N	73	78 33	70 52	64	75 24	81	81	8 2 3 8	68	73 29	78 32	64 38	68	73 23	77 24	79 26	82 34	81 36	80 33	79 35	76 36	75 39	78 36	81 38	80 42	79 42	77	61	45 37	60 32	48	73.1 34.3
WARREN	MAX	72	76 40	67	60	72	79	83	75 43	67 35	72	76 37	62	64	70 27	72 28	78 30	78 38	80 40	81	79 40	74 40	75 44	75 53	80 42	81	80 48	77	60	45	48	48	71.2 39.0
					1			1						1			1			1									-				

## DAILY SOIL TEMPERATURES

																Day o	of mo	nth															rage
STATION AND DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELO RSCH LAB																																	
8 INCHES	MAX MIN	61 57		63 61	61 59	61 57	63 58	66 62	65 62	63 60	63 60	64 60	63 61	62 58	60 57	60 56	60 57	61 58		63	64 61	63 60	60	63	61	65 63	65 63	64 61	61 58	5 <b>6</b> 53	53 50	51 50	61.9 58.7
LANDISVILLE 2 NW																			i.														
2 INCHES	BAM	51	52	56	52	48	49	50	52	48	48	47	50	44	44	44	44	45	46	49	50	48	52	48	48	50	55	52	52	47	42	43	48.6
STATE COLLEGE 2																																	
2 INCHES	MAX MIN	6 <b>8</b> 52	69 53	64 58	64 52	65 47	68 49	69 54	65 57	67 50	67 48	67 49	65 52	65 46	65 45	65 45	65 46	65 49	6 <b>8</b> 51	69 51	70 53	67 52	57 52	69 54	70 51	70 53		68 54	63 5 <b>5</b>	57 47	54 43	52 45	
4 INCHES	MAX	65 54	66 55	62 58	62 54	62 50	64 52	65 55	63 57	63 53	62 61	63 52	61 53	60 49	61 48	61 48	60 49	62 51	63 53	65 53	65 54	63 54	57 54	64 55	65 53	65 54	65 54	65 55	61 56	56 50	52 46	51 47	61.9 52.8
8 INCHES	MAX MIN	62 57	63 58	62 59	61 5 <b>8</b>	60 55	61 56	62 56	62 60	61 56	60 55	60 55	60 56	58 54	5 <b>8</b> 53	58 53	58 53	59 54	60 55	61 56	62 57	61 57	5 <b>6</b> 56	61 56	62 56		61 57	62 58	61 58	5 <b>8</b> 54	54 51	52 50	60.0 55.7
12 INCHES	MAX MIN	60 59	61 59	61 60	61 59	60 57	59 58	60 5 <b>8</b>	60 60	60 58	59 57	58 57	59 57	58 57	57 56	57 55	57 55	57 56	58 57	59 57	60 58	60 58	59 57	59 57	59 57	60 58	59 58	60 58	60 59	59 56	56 54	54 53	5 <b>8.</b> 9 57.3
16 INCHES	MAX	61 60	60 60	61	61 60	60 58	5 <b>9</b> 59	60 59	60 59	60 59	59 59	59 58	59 58	59 58	58 57	57 56	57 56	57 57	58 5 <b>7</b>	58		59 59	59 58		59 58	5 <b>9</b> 59	59 58	59 59	60 59	60 57	5 <b>7</b> 56	56 54	<b>5</b> 9.0 56.2
20 INCHES	MAX	62 60	61 60	61 60	61 60	60 59	60 59	60 59	60 59	60 59	60 59	59 59	59 59	59 58	59 58	58 57	5 <b>6</b> 5 <b>7</b>	58 57	58 58	59 58	59 58	59 59	60 59	59 58	59 58	59 59	59 59	5 <b>9</b> 59	60 59	60 58	58 57	57 56	59.3 58.5

ERIE CO FIELO RSCH LAB - MAX ANO MIN FOR 24 HOURS ENDING AT MIDNIGHT.
SLOPE OF GROUND: FLAT. SOIL TYPE: LAKE TERRACE CLASSIFIED AS CONDITION GRAVELLY LOAM. GROUND COVER. RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

LANOISVILLE 2 NW - SLOPE OF GROUNO: GENTLE SLOPE TO THE WEST. SOIL TYPE: DUFFIELD CLAY LOAM. GROUND COVER: PERMANENT BLUEGRASS SOO WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION: WESTON ELECTRIC SOIL THERMOMETER.

STATE COLLEGE 2 - MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.

SLOPE OF GROUND, GENTLE SLOPE TO THE SOUTHEAST, SOIL TYPE, HAGERSTOWN SILT LOAM, GROUND COVER; KENTUCKY BLUEGRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES, INSTRUMENTATION; COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER.

### EVAPORATION AND WIND

								-				417		11	11.	.,,		• • • • • • • • • • • • • • • • • • • •	12														
_																Day	of m	nth															Total Or Avg.
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	€°¥
POCONO MOUNTAINS																																	
FRANCIS E WALTER DAM	EVAP W1ND MAX M1N	62 60 39	68	70	119	83 60	29 64	53	91 72	62	63	33	63	92 61	43	63	65	65	-13 30 63 41	69	68	65 43	.15 70 65 43	.D8 58 58 42	.08 41 63 42	65	67	.11 39 66 43	.06 69 69 48	50	199	39	4.27 1922 62.7 40.0
CENTRAL MOUNTAINS								!																									
BELLEFONTE 4 S	EVAP WIND MAX MIN		54 72	125	127	67	70	70	123	70	71	71	26	70	34	72	72	78	18	12 73 40	79	.13 43 74 46	.10 27 72 47	.D7 58 55 43	-14 42 73 46	76	70	.07 19 77 45	.16 39 75 44	60	57		70.0
SOUTHWEST PLATEAU																																	
CONFLUENCE 1 SW DAM	EVAP	•09 50	.12	·10	·21	.14	.09 30	·14 36	•13 47	.08 58	·11	.10	.08 39	•13 58	.08 23	·10	·10	·11	23	.09 31	.07	.13 15	25	60	.08 27	31	27	26	-10 50	e15 83	129	95	3.14 1351
FORD CITY 4 S DAM	EVAP		.12	•22	.19 84	· 12	• 12 25	.15 36	•19 66	•15 49	·10	.09 15	•12 46	.14	•10 29	•09 15	.08	.09	11	.08	15	17	16	·11 31	.08	19	-08	22	.12 45	•15 45	115	61	3.53 1061
NORTHWEST PLATEAU																																	
JAMESTOWN 2 NW	EVAP		·13	·17	.08 36	·10	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:		:	-	:
KANE 1 NNE	EVAP WIND MAX MIN		16	36 71	63	21 67	12 67	19	35 71	63	60	33 67	65	65	61	63	13	61	65	64	65	65	63	:	.05 9 65 43	67	13	09 15 67 48	.02 12 63 48	15	57	49	586

MAX AND MIN IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

# SNOWFALL AND SNOW ON GROUND

PENNSYLVANIA

																Day	of m	onth															
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	t5	16	17	81	19	20	21	22	23	3 2	24	25	26	27	28	29	30	31
POCONO MOUNTAINS																																	
SCRANTON WE ATRPORT	SNOWFALL SN ON GNO WTR EQUIV																				0 0											7	
MIDOLE SUSOUFHANNA																																	
WILLIAMSPORT WB AP	SNOWFALL SN ON GNO WTR EOU1V																															Т	
UPPER SUSQUEHANNA																																	
MONTROSE	SNOWFALL 5N ON GNO																															T	T
CENTRAL MOUNTAINS																																	
MEDIX RUN	SNOWFALL 5N ON GNO																															T	
PHILIPSBURG FAA AP	SNOWFALL SN ON GNO																																T
SOUTHWEST PLATEAU																																	
PITTSBURGH W8 AP 2	SNOWFALL SN ON GNO WTR EOUIV																		# # #												T		
NORTHWEST PLATEAU																																	
BRAOFORO FAA AIRPORT	SNOWFALL SN ON GND																																T

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		dity ave	rages		Numl	per of d	ays with	precip	itation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Тгасе	.01–.09	.10-49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to s
ALLENTOWN WE AIRPORT	SW	13	7.5	40++	WNW	3	78	84	45	60	1	3	0	0	0	0	4	-	3.2
ERIE WB AIRPORT	5	25	13.2	31++	S5W	2	65	67	48	65	1	0	4	0	0	0	5	-	3.5
HARRISBURG WE AIRPORT	w	19	6.6	30	NW	30	73	80	42	55	3	3	0	0	0	0	6	82	3.3
PHILAGELPHIA WE AIRPORT	W5W	17	8.0	33	N	12	78	80	45	6\$	5	1	0	0	0	0	6	73	3.9
PITTSBURGH WB AIRPORT 2	N	11	6.3	23++	NNW	29+	59	74	30	43	1	3	1	0	0	0	5	86	3.7
READING WE CITY	N	-	7.6	47	NW	30	-	-	-	-	3	1	1	0	0	0	5	78	3.0
SCRANTON WB AIRPORT	NNW	10	6.4	26	NW	30	72	84	45	53	3	2	0	0	0	0	5	84	3,5
WILLIAMSPORT WE AIRPORT	NW	15	7.1	26++	w	31	75	82	39	56	3	2	1	0	0	0	6	-	3.5

<sup>†</sup> TO 8 COMPASS POINTS ONLY

	NO.		GE	DE	UDE	NOI	T	ERVA IME A				NO.		GE	JDE	UDE	NOL			AND		
STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	- H	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	-			SPECIAL ORSE HOTEN	OBSERVER
LENS MILLS LENTOWN WB AP LENTOWN GAS CO TOONA MORSESHOE CURVE VIN R BUSH DAM OLLO 2 W ENOTSVILLE STINBURG 2 W	0099 0106 0111 013A 0147 020A 0229 0313	ALLEGHENY JEFFERSON LEHIGH LEHIGH BLAIR CLINTON WESTMORELANO ADAMS TIOGA ALLEGHENY	1 9 6 16 7 15	40 52 41 12 A0 39 A0 36 A0 30 41 22 40 39 39 55 A2 00 40 39	79 49 78 55 75 26 75 28 78 29 77 56 79 56 77 18 77 32 79 59	748 1600 376 254 1500 950 1060 710 1590	8A 7A	7A HID 7A 6P 8A 7A 5P	C H.	CORPS OF ENGINEERS CMARLES HA ALLEN USS WEATHER BUREAU LEMIGH VALLEY GAS DIV- ALTOONA WATER BUR- ALVIN R BUSH DAM EUGENE RS, YOUNG PA-STATE COL- EXP-STA- OTTO D- BACON PGH- CUT FLOWER CO-	LAKE MINISIME LAKEVILLE 1 NME LANCASTER 2 NE PUMP ST LANCASTER 2 NE FILT PL LANDISVILLE 2 NW LAURELTON STATE VILLAG LAWRENCEVILLE 2 S LEBANON A WMW LEBANON 5 SW LEBANON 5 SW LEBANON TO	4763 4778 E4855 4873 4893 4896 4934	MAYNE LANCASTER LANCASTER LANCASTER UNION TIOGA LEBANON LEBANON CARBON	15 15 15 15 15	41 1S A1 27 A0 09 40 03 40 07 40 9A 41 S9 40 21 40 19 40 S0	75 D3 75 16 76 17 76 17 76 26 77 13 77 07 76 29 78 28 75 43	158 0 144 0 259 270 36 0 875 1000 590 490 580	6P 8A 7A 6P 7A	7A 8A 6P 8A HID 6P 7A	BAK	H G H	MRS. IRENE FOREMAN MRS. GLADYS REINEKE LANGASTER WATER BUR. LANGASTER WATER BUR. PA. STATE COLLEGE PA. DEPT. OF WELFARE HARRY P. MOWLAND LEON MILLER THOMAS DOMACHIE GDOOWIN S. DEFRENN
AR CREEK OAM AR GAP AVER FALLS AVERTOWN CHTELSVILLE LLEFONTE 4 S RNE	0455 0457 0475 0482 0488 0530 0599	WARREN LUZENE NORTHUMBLAND BEAVER SNYDER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON	15 2 15 14 16	41 40 A1 07 40 50 A0 46 40 45 40 22 40 51 40 51 41 04 40 37	79 D2 75 A4 76 30 80 19 77 11 75 38 77 47 76 00 76 15 75 25	1910 1908 900 760 590 400 1110 325 570 240	8.4	3P 7A 7A	6 AC	CORPS OF ENGINEERS CHANGED TO 3018 B-1-63 ROARING CREEK WATER CO- HOWARD R. KEMP GUY F. RITTER PAUL W. FISHER ROCKYIEW PRISON FARM FLOYD W. TRUMP BERWICK IND. DEV ASSO IN CITY OF BETHLEHEH	LE ROY LEWIS RUM 3 SE LEWISTOWN LOCK HAVEN 1 LOCK MAVEN 2 LONG PONO 2 W LYNCH MADERA MANAFFEY MAPLE GLEN	4984 4992 5104 5109 5160 5275 5536 5542	BRADFORD MC KEAN MIFFLIN CLINTOM CLINTON MONROE FOREST CLEARFIELD CLEARFIELD MONTGOMERY	1 6 16 16 9 1 16 16 16 5	41 08 41 03 41 36 40 S0 40 S5 40 11	76 43 78 59 77 35 77 27 77 27 75 30 79 03 78 26 76 44 75 11	1040 1740 680 630 1860 1291 1460 1280 380	7A 7A 7A	7A 7A 7A 7A 7A 7A 7A 8A	6		LEAMON M. BAUMAN RUSSELL LIMEMAM AMERICAN VISCOSE CD. JOHN R. FREY HUGH F. PARKER THOMAS RECKES CORPS OF ENGINEERS MRS. JULIA J. SMOFF MISS ELLEN J. MILES FRAMCES E. SCHEIBMER
AIN AIRSVILLE 6 ENE AKESLEE CORNERS OSERVILLE 1 N SWELL 1 SW ADOOCK LOCK 2 ADFORO FAA AIRPORT ADFORO CHTRL FIRE STA	0725 0736 0745 0763 0821 0861 0865 0867	NORTHAMPTON PERRY INGIANA MONROE CUMBERLAND SOMERSET ALLEGHENY MC KEAN MC KEAN MC KEAN	15 4 9 15 1 10 1	40 36 40 20 40 27 41 06 40 16 40 09 A0 24 41 48 41 57 41 57	75 22 77 S1 79 09 75 S6 77 22 79 02 79 S2 78 58 78 S9 78 44	364 750 2048 1650 650 1810 725 2121 1500 1680	8A MID	8P 8A 7A 7A MID 8A 5P	C C H	LEMIGH UNIVERSITY PA. DEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORPS OF EMGIMEERS FEO. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD WATER DEPT.	MAPLETON DEPOT MARCUS HOOK MARIENVILLE 1 SW MARION CENTER 2 SE MARTINSBURG FAA AP MATAMORAS MC COMMELLSBURG MC KEESPORT MEADOW RUN PONOS MEAOVILLE 1 S	5390 S400 S408 5454 5470 S526 S575 5601 5606	FULTON ALLEGHENY LUZERNE CRAWFORD	5 1 1 6 5 12 10 15 1	40 21 41 13 41 38	77 56 75 25 79 09 79 02 78 19 TA 42 78 00 79 52 75 40 80 10	1700 1610 1476 459 915 720 1999 1065	P MID OF TA	7A HID 9F 7A 8A	0		MRS. 1. S. BUCHANAM SUM OIL CO- ROY A. MARKER CORPS OF ENGINEERS FED. AVIATION AGENCY HARRY BISLAND DAVID W SHIVES JR U S COMPORATION GEORGE PERRAGE CITY OF MEADVILLE
UCETON 1 S CKSTOWN 1 SE FFALO MILLS RGETISTOWN 2 W RNT CABINS 2 ME TLER SUBSTATION MP KLIME	1033 1073 1087 1105 1115 1115 1135 1203	BEDFORO ALLEGMENY SOMERSET BEDFORD WASHINGTON HUNTINGOON BUTLER BUTLER LYCOMING BRAOFORD	10 6 11 6 2 2	40 00 40 18 40 04 39 57 40 25 40 05 40 52 A0 51 41 19 41 40	78 14 79 59 78 50 78 59 80 26 77 52 79 54 79 53 77 17 76 52	1592 1065 2460 1518 980 990 1100 1140 590	SP BA	MID 7A 8A 7A SP 8A 74	E H	PA. TURNPIKE COMM. U.S. BUREAU OF MINES ALVIN W. MANGES CLIFFORD C. ADAMS SMITH TMP. MUN. AUTH. PA. TURNPIKE COMM. WALLACE A LOZA WEST PENN POWER CO. LESLIE D. DOWLING MRS.WILDRED SPENCER	MEDIX RUN MERCER 2 NNE MERCER HIWAY MERCERSBURG MERWINSBURG MEYERSDALE 1 W MILANVILLE MILLERSBURG 2 E MILLHEIM	3654 5662 3676 5686 5751 5738 5775	ELK MERCER MERCER FRANKLIN MOMROE SOMEPSET BRADFORO WAYNE DAUPHIN CENTRE	2 12 9 17 15 5	40 58	78 24 80 15 80 15 77 S4 75 28 79 02 76 51 75 04 76 56 77 29	1100 1166 1256 615 985 1966 776 786 566 1075	7P 0 8A 0 7A	7A 8A 9A 7A 7A			MRS.E. M. SNYDER MRS. FRAN. STRUTHERS PA. DEPT. HIGHWAYS MRS. ROBERTA C GILBER ARTHUR A. SMITH E T C SNYDER RICHARD GLOSENGER CHARLES W. DAVIS RUSSELL SHEPLEY MEVIN E. BOWERSOX
PROLLTOWN 2 SSE RTER CAMP 2 W DAR RUN NAOOS FORD NAMBERSBURG 1 ESE NATURO1 APLEROI LOCK 4 ARENCE	1295 1262 1501 1342 1554 1572 1577	CUMBERL AND CAMBRIA POTTER LYCOMING DELAWARE FPANKLIN WASHINGTON WESTMORELANO CENTRE CLARION	16 16 16 5 12 10 10	40 13 40 35 41 57 41 51 39 52 39 56 40 08 40 09 41 03 41 12	77 12 78 42 77 45 77 27 75 37 77 58 79 55 79 54 77 56 79 26	A65 2040 2030 800 170 640 1040 749 1390 1114	92	6 8 7 7 7 7 7 9 7 7 7 7	H H	CARROLL G. MILLER ROBERT F. MAURER RICHARO L. MENKEN KAIHRYN T. KREIGMBAUM E. EARL TOUCHTON CHARLES A. BENDER MEST PENN POWER CO. CORPS OF ENGINEERS MRS SUSAN VERBITSKEY PA. ELECTRIC CO.	MILLVILLE 2 SW MILROY MONTGOMERY LOCK AND OF MONTROSE MORGANTOWN MT GRETMA 2 SE MOUNT UNION I N MURRYSVILLE MYERSTOWN MATRONA LOCK 4	582S M5902 S915 5956 6028 6067	COLUMBIA MIFFLIN BEAVER SUSOUEHANNA BERKS LANCASTER MIFFLIN MESTMORELAND LEBANON ALLEGHENY	8 11 15 15 15 15 10 14	41 06 40 43 40 39 41 30 40 09 40 14 40 24 40 26 40 22 40 37	78 S4 77 3S 80 23 75 S2 75 54 76 26 77 53 79 42 76 18 79 43	866 777 69. 156: 59: 67: 82: 90: 48:	0 5P 0 7A 5 HID 0 HID 0	7A 8A 7A 7A MID MID 8A 7A	X X	с н	KENNETH LEIGHOW THOMAS C. MARBESON CORPS OF ENGINEERS RALPH TAYLOR PA. TURNPIKE COMM. PA. TURNPIKE COMM. MT. UMIDON WATER WORK DAVID C. SHAW MRSAKATHLEEN WANGELL CORPS OF ENGINEERS
AYSYILLE 3 W EARFIELD ERHONT EPHONT A NW ATESVILLE 1 SW OAM MELLENCE 1 NW	1312 1519 1529 1534 1589 1705	LEHIGH WASHINGTON CLEARFIELD MC KEAN MC KEAN CHESTER SOMERSET FAYETTE CRAWFORO FAYETTE	11 16 1 1 9	40 57 40 07 41 01 41 41 41 44 59 58 39 48 59 50 41 45 40 01	75 39 80 28 78 26 78 50 78 52 75 50 79 22 79 22 80 22 79 56	670 1000 1100 2104 1620 342 1490 1331 1000 870	7P 5P 8A 8A	8A 7A 7A 8A 8A 9A 8A	C C C C C	WILLIAM J. DOTTERER MFGRS. L. + M. CO. IRA TAYLOR MRS. TILLIE M. SIMONOS PHILA. ELECTRIC CO. CORPS OF ENGIMERS JOHN L. REIO S. CARLYLE SHELDON MARSMALL B. MEMEFEE	NEFFS MILLS 3 ME NESHAMINY FALLS NEW CASTLE 1 M NEWELL NEW PARK NEW PORT NEW STANTON NEW TRIPOLI NORR ISTOWN NORTM EAST 2 SE	6194 6255 6246 6289 6297 6510 6526 6570	MUNTINGDON BUCKS LAWRENCE FAVETTE YORK PERRY WESTMORELAMO LEHIGH MONTGOMERY ERIE	5 2 10 15 6 10 14	40 40 40 09 41 01 40 05 39 44 40 29 40 19 40 41 40 07 42 12	77 55 74 57 80 22 79 54 76 30 77 08 79 36 75 45 75 21 79 49	78 40 98 57	5 SP 5 12M 0 7A 0 MID 0 MID	7A MIO 6P		С	RA. STATE UNIVERSITY RMILAS SUBA MATERA.  LEWIS W. MAMILTOM GENERAL CHEMICAL CO. CLINTON J. ALLEM MAS. FRANCES K. FRY PA. TURNPIEE COMM. FRED C. OSWALO BOROUGH OF MORRISTO ELLSWORTH WEAVER
NSHOHOCKEN OKSBURG ORAOPOLIS NEVILLE IS ORRY	1757 1749 1773 1790 1806 1809 1853 1861	FAYETTE MONTGOMERY CLARION ALLEGMENY ERIE POTTER POTTER TIOGA INDIANA CAMBRIA	1 11 1 16 15	40 01 40 04 41 20 40 30 41 35 41 49 41 46 41 44 40 41 40 27	79 33 75 19 79 13 80 05 79 39 76 03 41 47 77 07 79 12 78 34	1500 70 1180 720 1440 2020 2533 1745 1050 2540	6P 7P	8A 8A 8A 6P 8A 7A 6A 7A	C H	MARRY C. JOY PHILA. ELECTRIC CO. PA. OBET. FRST * WIRS. SHEMANGO, INC. RICHARD T. MOUNTAIN MISS ELIZABETH NEFF FERD IRISH CALVIN R. PACKARD MRS, MELVIN P. THOMAS FRED A. PLEMPEL	NORTH PMILAGELPHIA AP ORWELL 2 MW PALMERTON PARKER 1E PAUPACK 2 WMW WRHIL OREXEL INST OF TI PMILAGELPHIA WB AP APMILAGELPHIA WB AP APMILAGELPHIA PI BREEZ!	6622 6681 6689 6721 6724 6762 EC6879	BRADFORD MONTGOMERY CARBON ARMSIRONG CLARION PIKE PHILADELRHIA PHILADELRHIA PHILADELRHIA	15 14 9 1 1 1 9	40 05 41 55 40 26 40 48 41 05 41 06 41 24 59 57 59 53 39 55	75 01 76 18 75 32 75 37 79 41 79 40 75 14 75 11 75 15 75 12	114 110 156 3	0 5 5 MID 0	7A 8A MIO MIO		c	AIRPORT GUAROS ELMER T. MOORE MRS MELEM ESCHBACH MEW JERSEY ZINC CO- LOUIS A. MALARREY PO M. MEELY MISS L. VETTERLEIN FRANCIS K. DAVIS. J J U.S. WEATHER BUREAUCLOSED 6-30-63
NVILLE	2116 2160 2171 2185 2190 2221 2249 2260	MONTOUR CHESTER PIKE WYOMING WESTMORELAND WASHINGTON BUCKS CAMEROM JEFFERSON CLEARFIELD	14 5 15 17 10 5 16	40 58 40 09 41 15 41 52 40 07 40 10 40 18 41 20 41 11 41 08	76 37 79 93 74 92 79 37 79 29 79 92 75 08 78 08 78 54 76 38	450 750 1746 900 358	7A M10 5P	7A H1D 5P 5P 9P	10 H	MRS. MARIE H. LITTLE PA. TURNPIKE COMM. THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES KARL W HISTAND SIDNEY KENNEDY FEO AVIATION AGENCY CITY OF DU BOIS	PHILIPSBURG FAA AR PHOENIXVILLE 1 E PIESS CREEK PITTSBURGH WB AP 2 PRITSBURGH WB CITY PLEASANT MOUNT 1 Y PORT CLINTON POTTSYLLE PUNKSUTAWREY PUTNEYYLLE 2 SE DAM	6927 6939 6993 6997 7029 7116 7161	CEMTRE CHESTER LUZERNE ALLEGMENY ALLEGMENY WAYNE SCHUYLK !LL SCHUYLK !LL JEFFERSON ARMSTRONG	14 19 11 11 11 14	40 54 40 07 41 18 40 90 40 27 41 44 40 35 40 42 40 57 40 59	78 05 75 50 76 08 80 13 80 00 75 27 76 02 76 11 79 00 79 17	10 132 113 74	7 MID 9 MID 0 BA 0 7A	MID MID MID 8A 7A 8A		C H	FEO. AVIATION AGENCE PHILA. SUB. WATER CHARRY SHELDON JU.5. WEATHER BUREAL WILLIAM POLIVKA MRS. ADA E. RARICK LLOYO E. WELLER CARL E. ROTOLO CORPS OF EMGIMEERS
INLO ISMORE 2 SSW IGLES MERE IST BRADY IENSBURG DINBORO HOPORIUM 1 N IGGLISH CENTER	2298 2523 2343 2563 2466 2514	CAMBRIA SULLIVAN SULLIVAN CLARION CAMBRIA ERIE CAMERON LYCOMING	16 16 16 1 4 1 18 16	4D 17 41 29 41 24 40 59 40 29 41 52 41 52 41 52	78 45 76 29 78 39 79 37 78 43 80 08 78 14 77 17	2416 1916 2026 826 2096 122	74 9 7	8A 7A 3P 7A 8A	אטט אטט	MRS. O. L. WHITE ROBERT J. OBERT FRANCIS B. MANLEY A. B. KEMPEL ROBERT A. WASSER FOINBORD ST. TCMR. COL.	OUAKERTOWN 1 E RATMOND #READING WB C17Y REMOVD 5 REW RICES LANDING L 6 RIDGWAY ROCMESTER 1 M RUSSWILLE	7310 7518 7409 7410 7429 7443 7417 7340	BUCKS POTTER BERKS CLINTON CLINTON MC KEAN GREENE ELK BEAVER SUSOUEHANNA	9 19 14 16 16 1 10 1	40 26 41 52 40 20 41 20 41 14 41 94 39 97 41 29 40 43 41 47	75 20 17 32 15 58 77 45 77 46 78 32 80 00 78 43 80 18 76 07	49 222 26 66 203 225 77 136 90 87	6 MIG 7 7A 15 10 75	7A 84 7A		K H	DENNIS K. FLUCK MRS. RACHEL LANGAM JUSS WEATHER BUREAL ELMER G. BATSCHELET C. F. BILLETTE EOWARD R. CLARY CORPS OF ENGINEERS BOROUGH OF RIOGWAY OEDUESME LIGHT CO. CARL KOPATZ
ARRELL SHARON ORD ICITY 4 S DAM RANKLIN REELAND ALETON	2671 2673 2682 2721 2814 2942 3028 3096 9130	ERIE BEDFORO MERCER ARMSTRONG VENANGO LUZERNE POTTER	5 8 6 6 2 1 1 1 1 1 1 1 1 1 1	40 11 41 91 42 14 42 05 40 00 2 41 14 40 45 41 23 3 41 01 5 41 44	76 10 73 13 79 51 80 11 78 23 80 30 79 30 79 49 75 54 77 38	1026 851 956 981 1906 1386	MID 8A 7P 8A 6P 6P	7A MID 8A 7P 8A 8A 8A 7A	G H C H	MRS. M. C. FLYNN FIELD RESEARCH LAB. J U.S. WEATHER BUREAU PA. TURNPIKE COMM. SHARON STEEL COMP. CORPS OF ENGINEERS RICHARO A BEITH ANOREW B. EVANSHA STANLEY G. LUSH	RUSSELL SAFE MARBOR SAGAMORF 1 S SALIMA 3 W SAKTON SCANOIA 1 E SCHENLEY LOCK 5 SCRANTON SCRANTON WB AIRRORT SELLERSYLLE 2 MW	7729 7732 7739 7782 7846 7855 7863 7902 7905	WARREM LANCASTER I MOIANA WESTMORELANO BEDFORO WARREN ARMSTRONG LACKAMANNA LUZERNE BUCKS	1 15 1 7 6 1 1 15:	41 96 39 35 40 46 40 31 40 12 41 39 40 41 41 29 41 20 40 23	79 08 76 25 79 14 79 33 78 15 79 02 79 40 75 44 75 20	123 27 132 110 76 210 78	10 10 10 10 10 10 10 10 10 10 10 10 10 1	8A 7A 6P 8A VAR		د د د	MIKE L. FERRIE S.H. WATER POWER COMPS. JOHN W. FLEMIP MUN. AUTH. MSTMRLO- MRS. ALVERTA L. MOI CLARE E WIMERITER CORPS OF ENGINEERS U.S. POST OFFICE JU.S. WEATHER BUREAL SPILLERSYLILLE WATER
EIGERTOWN  ORGE SCHOOL  EITYSBURG  ETTYSBURG 1 S  LENCOE  LEN HAZEL 2 NE DAM  LEN HOORE  LEN HOORE  LEN HOORE  LEN HOLER DASH OAM  DULDSBORO	3200 3216 3223 1296 3311 3321 3330 5343	CHESTER YORK ALLEGHENY	12 12 12 12 12 12 12 12 12 12 12 12 12 1	40 13 3 40 13 2 39 50 2 39 48 2 39 49 1 41 34 5 40 06 3 39 48 1 40 35 9 41 19	73 50 7A 36 77 14 77 14 78 51 78 36 75 47 76 44 60 13 75 27	13: 54: 53: 182: 172: 44: 62: 70:	8 8A 9A	9A 7A 7A	K C C	GEORGE M. HART HUGH C. MC ILMEMNY NATIONAL MILITARY PARK MRS, MARY M. HARTMAN CORPS OF ENGINEERS JOHN J. SHRAGER MRS. E. C. MC WILLIAMS CORPS OF ENGINEERS DANA L. SHAY	SHADE GAR 2 NE SHAMOKIN SHEFFIELD 9 W SHIPPENSOURG SINNEMAHONING SLIPPERY ROCK SHETHPORT HIGHWAY SHE SOMERSET FAIRVIEW ST	796 9 7978 8026 8073 8143 8184 0 8190 8244	HUNTINGOOM NORTHUMBLAND WARREN FRANKLIN KAMERON BUTLER MC KEAN SOMERSET	6 15 1 15 16 2 1	40 12 40 48 41 42 40 03 41 19 41 04 41 48 40 01	77 52 76 33 79 08 77 32 78 09 80 03 78 27 79 09	92 77 192 76 75 134 151 214	10 70 99 4P 10 10	8A AP 7A 7A		C H	MRS. HELEM H. PYLE ROARIMG CREEK WATEL WILBUR R. NOROIM KEITH B. ALLEM MRS. FRANCES CALDMI RAYMOND E. MILLER PA. DEPT. HIGHMAYS MOWARD G. PECK EUGENE M. COOK
RATEPFORO 1 E PEENSBORO LOCK 7 REEMSBURG 2 E REENVILLE ANOVER ARRISBURG WB AP AWLEY AWLEY 1 S DAM OLLJOAYSBURG	3437 3303 3515 3326 5662 3699 3758 5781	WATHE MONTGOMERY GREENE WESTMORELANO MERCER YORK YORK WATHE WATHE BLAIR	19	9 41 15 4 0 14 39 47 0 40 18 2 41 24 5 39 48 5 40 15 9 41 29 5 41 29 5 41 28	75 27 79 27 75 26 79 59 79 31 80 29 76 39 76 31 75 10 73 11 78 24	19 24 80 122 98 60 33 88 120	6 6A 6 6P 6 8A 6 M10	#10 7A	C .	GEORGE S. MANN, SR.  STATE CORRECTIONAL INST I CORPS OF ENGINEERS PA. OEPT. HIGHWAYS C. EAR MILLER I MANOVER EVENING SUM JU.S. WEATHER BUREAU MMS. KATHERINE BATES PA. POWER + LIGHT CO- JOHN M. RINGLER PA. ROVER + LIGHT CO- JOHN M. RINGLER PA. ROVER + LIGHT CO-	SOUTH CANAM 1 ME SOUTH MOUNTAIN SPRING GROVE #\$TATE COLLEGE STATE COLLEGE STATE COLLEGE STILLWATER DAM STOYSTOWN STRAUSSTOWN STRAUSSTOWN STRONGSTOWN STRONGSTOWN	8575 8445 8452 8491 8366 8576	FRANKLIN FORK CENTRE SUSOUEHANNA SOMERSET BERKS INDIANA MONROE	12 19 16 16 15 4 14	41 31 39 31 39 32 40 48 40 48 41 41 40 06 40 29 40 33 40 39	73 24 77 30 76 52 77 52 77 52 75 29 78 57 76 11 78 55 75 12	117 116 164 186 60	70 75 78 78 78 78 78 78 78 78 78 78 78 78 78	9A 8A		x x x x x x x x x x x x x x x x x x x	PA. DEPI. OF MEALT P. H. GLATFELTER C PA. STATE UNIVERSI CORPS OF ENGINEERS VERMON MONG JACOB KLAHR MARRY F. BENMETT WILLIAM MAGERTY MARRY N. TRAVIS
OLLISTERVILLE  OLTWDOD  OME DALE 4 NW  OMESDALE 6 NNW  OMESDALE 6 NNW  OMESDALE 6 NNW  OMEY BROOK 1 W  OP BOTTOM 2 SE  UNTINGOD  UNTSOALE 7NDMAN  VALUE ON OWE NO O	4008 4019 4027 4043 4044 4047 4066 4159 4186	MATME  LAMCASTER  INDIAMA  WAYNE  MAYNE  CHESTER  SUSOUEHANNA  HUNTINGOON  CUMBERLAND  BEOFORD	1	3 41 25 3 39 50 1 40 45 5 41 57 6 41 39 40 06 9 40 06 9 40 06 9 40 06 2 39 49	73 26 76 20 79 06 75 19 75 17 73 96 73 43 78 01 77 18 78 44	136 18 122 141 109 70 90 64 61	7 M10	9A 7A 7A 7A 8A 7A	c +	PA. POWER + LIGHT CO. MRS. EDNA M. BUSH GEORGE C. WILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER HETRO P. DOROSH OOMALD LEHMAM	STUMP CREEK SUMBURY SUSOUENANNA TAMAQUA A N DAM TIONESTA 2 SE DAM TITOSYTLLE TITOSYTLLE WATER WORK TORPEDO 4 W	8668 8693 8795 8763 8875 8885 8893	MONPOE	15 15 14 14 14 1	40 52 41 37 40 48 40 51 41 29 41 58 41 11 41 47	76 47 75 36 75 36 75 39 75 26 79 26 79 40 79 42 79 25 79 32	100 81 112 120 151 121 191	7A 20 20 20 20 8A 30 7P 30 35	7P 9P 7A		C C F	CHARLES W. BAYLER MRS. LAURA A. BEMS MRS. MARY L. ROBER PANTHER VALLEY WTR CORPS OF ENGINEERS PA. ELECTRIC CO. CITY OF TITUSVILLE MRS. JULIA GRADY MRS. LILY B. GARBE
TRUMAN NOTANA 3 SE  ACKSON SUHMIT AMESTOWN 2 NW ERSEY SHORE ONNSTOWN 2 OMNSTOWN 2 ANE 1 NNE	4304 4529 4369 4369 4390	INDIANA TIOGA ERAWFORD LYCOMING CAMBRIA MC KEAN CLEARFIELD	1	40 38	79 07 77 01 80 28 77 19 78 99 78 55 78 48 78 07	110	2 7F	7A 8A 7A 9A	6 AC	ACCHIER WATER SVC. CO.  ARCHIE LAIM PA. DEPT. FRST. + WTRS. GEORGE R. WADDELL JOHNSTOWN TRIBUME CITY OF JOHNSTOWN RUDOLPH A. ANDERSOM ROBERT K. BRAOPORO	TOWANDA 1 ESE  TOWER CITY 2 E  TROY TUNNELTON TUNTLEPOINT 4 NE TYROME 4 NE BALD EAGL UNION CITY FILT PLANT UNIONTOWN	891 895 898 900 E 902	BRAOFORO  SCHUYLKILL BRADFORD INDIANA MC KEAN BLAIR ERIE FAYETTE	15 15 4	41 45 40 59 41 47 40 27 41 54 40 43 41 55 39 54	76 23 76 31 76 47 79 23 78 16 78 12 79 48	83 116 84 102 114	90 40 20	8A 7A 7A 7A 7A		C + C	HEVERN ROOT  MRS LILLIAN S BOWN JEMNIE L. BALLARD MRS. MARY E. WEIME ROBERT D. STRAIT FREDERICK L. FRIDA HAROLD W. MAMMOND WM. W. MARSTELLER

STATION	INDEX NO.	COUNTY	RAINAGE 1	LATITUDE	ONGITUDE	ELEVATION		TABL		OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATTODE	LONGITUDE	ELEVATION			AND LES TYDOL	OBSERVER
WASHINOTON WAISONTOWN WAISONTOWN WAYNESSUM 1 E WETOSTER WILLS 3 SW WEST COVESTER WEST GROVE 1 SE WEST RICKONY WHITESSUMS WILEES-BARRE	9545 9367 9560 9408 9503 9507 9655	WASNINGTON MORTHUMBLAND GREENE FULTON TIOGA CHESTER CHESTER FOREST ARMSTRONG LUZERNE	1R 10 12 16 9	40 11 41 05 39 54 59 49 41 43 39 58 39 48 41 14 40 45 41 15	RO 14 7R 52 RO 10 76 05 77 16 15 56 15 46 17 25 79 24 75 52	1200 490 940 910 1920 440 490 1090 1990	6.4 7.4 8.4	9P 6A 7A 6A RA 6A 7A 7A	× 60 11	PA. DEPT. RIGHWAYS WILLIAM BIRO WRS. DORA I. LYMCH NARION L. SHUMWAY DAILY LOCAL NEWS CONARO-PUE CO. HRS. NELEN F. KINNEAR CORPS OF FROIREERS HRS. MARY G. MIBMAK	WILLIAMSHURG WILLIAMSHURG THE AP WIND OAP WOLFSBURG YORK 3 SSY PUMP STA YORK 2 S FILTER PLANT YOR MACE ZION GROVE 210N GROVE 210N SVYLLE ZION GROVE	9781 9629 9939 9938 9930 9988 9990		16 5 6 15 15	40 27 41 15 40 91 40 09 59 95 39 96 40 07 41 91 40 54 40 28	7R 12 TR 95 75 10 7R 32 7R 45 7R 45 76 45 79 19 76 15 75 27	8R0 527 7R5 1190 590 640 310 1225 940 6R0	M10	TA H10 74	S	ADREAT GUNNETT  (Jus.) WEATHER BUPFAU MRS, MARY D. HOELEL WALTER C. RICE WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY HY ROPOLITAN EOTSON CO. REMNY CARLET! JAMES D. BETEL LESLIF MOWATT
			IJ								NEW STATIONS FRANCIS E. WALTER DAM CLOSED STATION	8100	LUZERNE	9	41 07	75 44	1509	6A	8A	BA	CORPS OF ENGINEERS

6 1. ALLEGRENY 2. BENVER 3. CONCENUO 4. CONDENSES 5. DELAVARE 6. JUNIATA 7. KISKIMINSTAS 8. LAKE ERIE 9. LEMIGH 10. MONONGAMELA 11. OHIO 12. POTOMAC 13. LAKE ONTARIO 14. SCHUYLKILL 15. SUSQUEBANNA 18. WEST BRANCH 17. YOUGHICGERY

#### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may he chtained by writing to the State Climatologiet at Weather Hureau Airport Station, Harriaburg State Airport, New Cumberland, Pannsylvania, or to any Weather Bureau Office near you.

Figures and letters following the station came, such as 12 SSW, indicate distance is miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bullstie,

Monthly and ecasonal ecowfall and heating degree days for the 12 months seding with the preceding June data will be carried with the July issue of this hulletin.

Stations appearing is the ledex, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions as used is "Climetological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dissessional units used in this hulletic are: Temperature is 'F, precipitation and evaporation is inches and wind movement in miles. Monthly degree day totals are the same of the megative departures of average daily temperatures from 35 F,

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footeote following the "Evaporation and Wied" Table. Max and Min "Evaporation and Wied" Table and Wied" Table refer to extremes of temperature of water ln pan as recorded during 24 hours needing at time of observation.

Normals for all stations are climatological standard normals based on the period 1831-1880.

Water equivalest values published is the "Snowfall and Snow oe Ground" Table are the water equivalent of seow, slest, or ice oe the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the secwpack may result in apparent inconsistencies in the record.

Entries of ecowfall in the "Climatological Data" Table and the "Smowfall and Smow on Ground" Table, and in the "Seamonal Smowfall" Table include soow and sheet. Entries of noow on ground include secow, elect and ice.

Data in the "Extremee Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wied" Table; and seowfall in the "Secowfall and Seow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station ledex shows observation times in local standard time. During the summer months acome observers take the observations on daylight early time.

Snow on ground is the "Seowfall and Seow oe Ground" Table is at observatioe time for all except Weather Bureau and FAA stations. For theme stations seow oo ground values are at 7:00 a.m., E.S.T.

le the Station ledex the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly procipitatioe values are processed for special purposes, and are published later in "Hourly Precipitatioe Data" Hulletio. G "Soil Temperature" Table.

B "Sourfall and Soor so Groued" Table. Omission of data is asy month iedicates so scorfall aed/or seev on ground is that mooth.
J "Supplemental Data" Table.

No rocord le the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no centry.
loterpolated values for mosthly procipitatice totals may be found in the sensal issue of this publication.
loterpolated values for mosthly procipitatice totals may be found in the sensal issue of this publication.
Station Index.

And also ce an earlier date or dates.

Pastest observed one minute wind speed. This statice is not applicated with automatic wind instruction in the collection is collected in following measurement, time distribution unknown.

Amount founded is following measurement, time distribution unknown.

On the roof of a building.

Gage is equipped with a windexied.

AR This notifies on the roof of a building.

A price of the station is a selecter located a few feet above need-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

A price of the station is a shelter located and the station index means after rais.

A diqueted to a full sorth. I shouly or partly estimated, using a ratio of 1 sech water equivalent to every 10 inches of one seconfall.

When we have a station in the station index means after rais.

A diqueted for this station have been adjuncted to represent the value for a full mosth.

R Amounts from recording gage. (These amounts are essentially accurate but many vary elightly from the amounts to be published later in Hourly Precipitation Data.)

S This entry in time of observation column is Station ledex means observation many and storm Data.

V includes total for previous mooth.

V includes total for previous mooth.

V includes total for previous mooth.

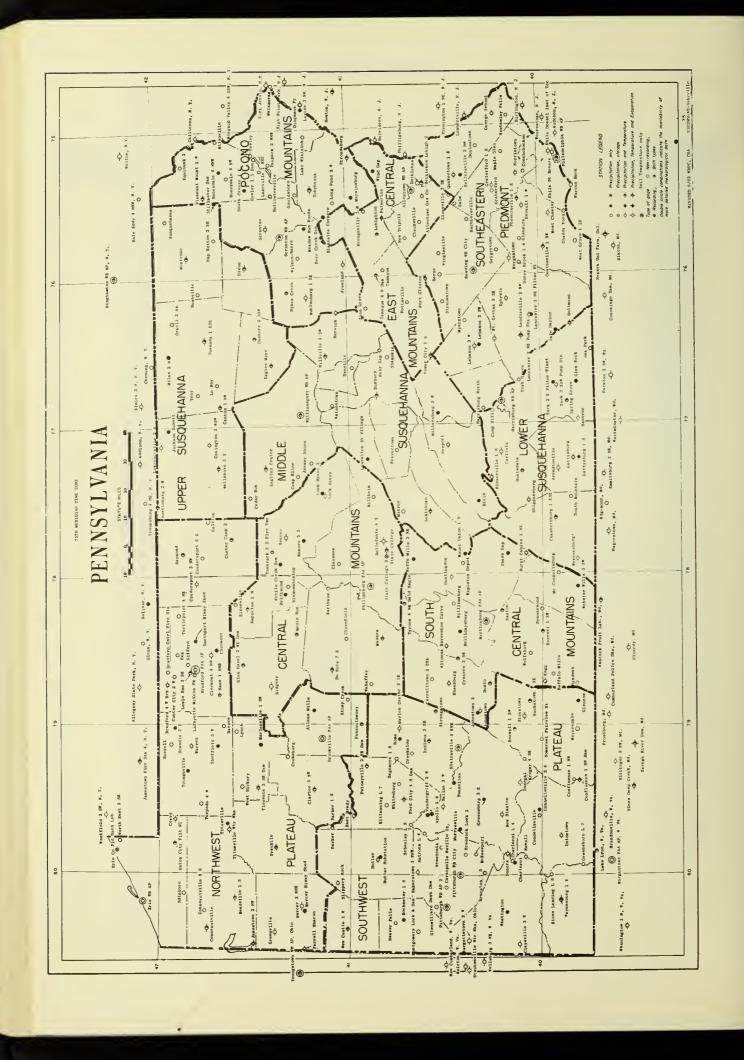
No hearwastice time is 1:00 a.m., E.S.T. of the following day.

VAR This certy in time of observation column is Station ledex means over variable.

General weather coeditions is the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documenta, Government Printing Office, Washington 25, D. C.

leformation coccereing the history of chasges in locations, elevations, exposure, etc., of substations through 1955 may be found to the publication "Substation History" for this state. That publication may be obtained from the Superinteedent of Documents, Government Princip Office, Washington 25, D. C. for 85 ceets. Similar leformation for regular Weather Euremout stations may be found to the 1861 secund insured Local Climations(spiral bats for the respective stations, officed a lefted above, price 12 cents.

Subscriptice Price: 20 casts per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Asnual Summary.) Chocks and mosey orders should be made payable to the Superinteedest of Documents. Resittance and correspondence regardieg subscriptions should be sent to the Superinteedest of Documents, Government Printing Office, Washington 25, D. C.



## U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

NOVEMBER 1963 Volume 68 No. 11



ASHEVILLE: 1964

THE LIDRARY OF THE FEB 21 1964
Miller of the Harpers

#### PENNSYLVANIA - NOVEMBER 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

76° on the 18th at 3 stations Highest Temperature:

13° on the 25th at Coudersport 3 NW Lowest Temperature:

Greatest Total Precipitation: 8.87 inches at Mc Connellsburg

Least Total Precipitation: 2.15 inches at Burgettstown 2 W

Greatest One-Day Precipitation: 3.63 inches on the 7th at Geigertown

Greatest Reported Total Snowfall: 19.0 inches at Torpedo 4 W

Greatest Reported Depth of Snow on Ground: 11 inches on the 30th at Bradford 4 W Res

#### SPECIAL WEATHER SUMMARY

sylvania during November. In contrast to the previous 7 months, when rainfall was subnormal in most places, November amounts were above normal just about everywhere. In fact, a number of areas in eastern sections and a few along the western slopes of the Alleghenies received up to twice the normal monthly amount. In these areas, totals ranged from 4 to 6 inches generally for the greatest monthly amount in several years and among the greatest November totals of record. Elsewhere amounts ranged downward to 2.5 inches in parts of several southwestern counties.

Two storms were responsible for most of the rainfall. The first occurred on the 6th and 7th during which time 2 to 3 inches of precipitation was measured in most sections for the greatest single storm rainfall in more than 2 years. Another storm on the 29th and 30th deposited an additional 1 to 2 inches. While the rainfall

The long-awaited and overdue rains finally came to Penn- from these storms was considerable, it fell at only light to moderate rates so that most of it was absorbed by the soil. As a result, soil moisture supplies, at least in the surface layers, were replenished and winter grains and grasses responded accordingly. Since there was relatively little runoff, however, rivers and streams remained at subnormal levels. Ground water in most observation wells throughout the State also remained at near record low levels.

> Nelson M. Kauffman Weather Bureau State Climatologist Weather Bureau Airport Station Harrisburg State Airport New Cumberland, Pennsylvania

# CLIMATOLOGICAL DATA

PENNSYLVANIA NOVEMBER 1963

			-	Ten	perat	ure					_					Preci	pitation		NOVE	100		
										No	o of D	ays					Sno	w, Sleet		Н	o. of	Doys
Station .	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above or	+	Min.	Torol	Departure From Normal	Greatest Day	Done	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
POCDNO MDUNTAINS								,		$\vdash$	$\top$	Ť										
FRANCIS E WALTER DAM FREELAND HARLEY MATAMORAS MILANVILLE	50.5 52.3M 54.3 55.8 53.9	31.6 35.6M 32.5 36.5 30.5	41.1 44.0M 43.4 46.2 42.2	5.2	67 67 70 65 69	19 18 18 17 19	23 18 21	26 13 26 26 26	711 625 642 558 676	00000	0 1 0 1 0 1 0 1 0 1	7 2	0 4. 0 4. 0 6. 0 5.	3 2.4		08	1.0 2.0 .8 .5 2.2	1 2 1 1 2	30 30 30 30 30	6 6 7	4 3 3 3	1 3 2 3 2
PLEASANT MDUNT 1 W SCRANTON SCRANTON WB AIRPORT STROUDSPURG TDBYHANNA	48.3 54.1 52.1 53.2 50.5	30.8 37.1 38.1 34.0 33.8	39.6 45.6 45.1 43.6 42.2	3,8 5,5 2,2	70 67 73	19 18 18+ 18	26 24 18	26 26 30 26 26	756 576 588 635 678	00000	0	8 6 5	5. 0 3. 0 4. 0 5. 7.	3 .7 2 1.6	2 1.40 8 2.13 6 1.56	08	1.0 1.4 1.0 3.3	1 1 7 3	30 30 30+ 30	9 6 6 8 7	4 2 4 6	2 1 1 2 2
DIVISION 01			43.3	3.9									5.	1.5	2							
EAST CENTRAL MOUNTAINS																						
ALLENTOWN WB AP R ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PDRT CLINTON	55.1 56.3 57.8M 53.8 56.0	38.0 38.7 42.2M 37.4 29.8	46.6 47.5 50.0M 45.6 42.9	4.7 4.4 5.5 4.0 1.1	72 76 71	18 19 18 18	26 30 24	26+ 26+ 26+ 26- 26	546 518 441 576 656	0000	0 0 1	6 2 2	0 6. 0 6. 0 7. 0 5. 0 8.	3 · 1 9 3 · 1 6 2 · 2	6 2.4 3 2.5 7 1.5	07	T .0			7 6 7	5 5 5 5	3 3 3 3
210N GRDVE	53.3	32.7	43.0		71	19	21	26	653	0	0 1	5	0 5.	2	2.0	30	3.0	0		7	3	2
DIVISION 02			45.9	4.0									6.	2.9	3		.6					
SDUTHEASTERN PIEOMONT																						
COATESVILLE 1 SW DEVAULT 1 W EPHRATA GEORGE SCHODL GRATERFORD 1 E	57.0 56.2 56.1 56.7 56.4	35.8 36.0 39.3 36.4 36.6	46.4 46.1 47.7 46.6 46.5	3.4 2.2	73 72 72	19 18 18 19	26 27 23	26 25 26 26 26	552 560 515 544 547	00000	0 1	5	0 7. 0 8. 0 6. 0 6.	5 3 · 3	2.2 4 2.0 9 2.2	0 07 0 07 0 06 0 07 3 07	T T *0	0 0 0		7 9 8 7	6 5 5 5 6	
HOLTWODD  LANCASTER 2 NE PMP STA  LANOISVILLE 2 NW  LEBANON 4 WNW  MARCUS HOOK	56.1 57.4 55.6 55.3 56.9	40.1 38.0 35.3 36.1 43.5	48.1 47.7 45.5 45.7 50.2	2.8 4.6 2.3	75 76 73 71 67	18 18 19 19	25 24 26		503 510 580 573 436	0	0 1 0 1 0 1	3	0 5. 0 7. 0 6. 0 5. 0 6.	24 4.0	8 2.7 2.4 1.7	9 07 7 07 4 07 1 07 4 07	. C	0		7 9 8 8 9		2 2 1
MORGANTOWN MT GREINA 2 SE NORRISTOWN PHIL DREXEL INST TECH PHILADELPHIA WB AP R	56.6 56.5 58.3 58.0 57.0	36.9 34.6 40.2 42.8 39.0	46.8 45.6 49.3 50.4 48.0	3.7	76 70	18 18 18 18	24 29 31	26+ 26+ 26 25 25	541 578 461 430 502	0	0 1	2	0 7. 0 6. 0 6. 0 7. 0 6.	16	2.6 2.0 2.5 1.6 1.5	0 06	T .00			8 9 7 7 8	6 4 5 5	4
PHOENIXVILLE 1 E QUAKERTOWN 1 E READING WB CITY R WEST CHESTER	58.4M 56.5 56.5 58.2	36.2M 38.3 42.1 33.9	47.3M 47.4 49.3 46.1	2.2 4.9 4.2 0.9	72 75	18 18 18 19	21 30	27 + 26 26 25	522 523 465 561	0	0 1	2	0 6. 0 6. 0 6.	73 3.0	2.3	7 07 7 06 4 07 0 07	* C	0 0	30	9 7 8 7	4 4 4 5	3 3 2
WEST GROVE 1 SE	55.7M	38.2M	47.0M		71	19	25	25	533	0	0	8	0 7.	36 3.	4 2.7	1 07	•0			7	5	3
OIVISION 03			47.4	2.7									6.	78 3.	10		Т					
LDWER SUSQUEHANNA															ŀ							
ARENDTSVILLE BLDSERVILLE 1 N CARTISLE CHAMBERSBURG 1 ESE GETTYSBURG	55.6 55.3 56.6 54.9 56.3	35.3 37.8 38.8 35.8 38.0	45.5 46.6 47.7 45.4 47.2	3.0 4.2 2.4 2.6	74 72 72 72 72	18÷	25 25 25	13 25 26 26+ 13	578 546 509 580 528	0 0 0	0 0	5 9	0 6. 0 4. 0 5. 0 4. 0 5.	87 1. 54 2. 79 1.	1.9 18 2.2 7 1.7	0 30 6 07 7 07 2 07 9 07	T T	0 0	30	8 6 5 7	4 2 4 3 4	2 2
HANCVER HARRISBURG WB AP R MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	57.3 55.1 55.7 55.8 57.6	37.5 36.4 36.7 37.8 37.3	47.4 45.8 46.2 46.8 47.5	2.6 1.9	73 73 70	19 18 19 18+ 18	25 25 24	26+ 26+ 26+ 26+ 25+	521 570 559 540 518	0	0 0	9	0 5. 0 5. 0 5. 0 4. 0 6.	93 2. 75 2. 85	08 1.7 7 1.7 1.9		T T T T T	1	1 30	8 7 7 6 7	3	3 3 2
OIVISION 04			46.7	3.1									5.	69 2.	51		• 1					
MIDDLE SUSQUEHANNA																						
BERWICK ENGLISH CENTER LAURELIDN ST VILLAGE	54.6 52.6M		45.2 42.2M		68	18	22 20	26	589 678	0		17	0 3.0	32		9 30	1.0		1	5		
MILLVILLE 2 SW	56.2	36.3 33.6	46.3		67		21	26	555 643			10	0 4		1.8	6 30	5.0	1	30	5		
NEWPDRT SUNPURY TOWFR CITY 2 E WILLIAMSPDRT WB AP	55.8 55.4 52.9 53.0	34.7 33.3 33.3 37.1	45.3 44.4 43.1 45.1	4.0			22	26+ 26 26 4	584 615 648 593	0	0	14 14 15 8			1.6	0 07		5 2	2 30	7 7 8 5	3	2
DIVISION 05			44.4	2.6									5.	19 1.	38		1.	1				
UPPER SUSQUEHANNA																						
AUSTINBURG 2 W CANTON 1 NW DIXCN EAGLES MERE LAWRENCEVILLE 2 S	49.8 49.3 53.7M 47.3 51.6	34.0 33.0 33.9M 33.0 35.7	41.9 41.2 43.8M 40.2 43.7	4.7	60	19 19		26	685 706 626 739 636	0 0 0	0 0	13 17 14 18	0 4	98 90 19 45 74 3.	1.8	3 30 9 30 2 08 4 30 2 07	3.0	8 9	2 30 5 30 3 30 3 30 3 30	7 5 5 5 7	3	3 2 4
	I	ŀ			D-f-		) M	   E-11-	l Wina Si		*nda				1	1	1	1	L	l	1	1

CONTINUED																	Den-1	lention		NOVE	MBE	₹ 19	963
				Tem	perat	ure		Ī		N	a. of	Days	+	1			Precip	itation Sno	w, Sleet	-	N	o. of I	Days
Station				- P					Days	Ма	_	Mir	-	-	- P	) Dej	Ì		£ -0		١ ۽	ę l	More
	Average Maximum	Average	Average	Departure From Norm	Highest	Date	Lowest	Date	9	Above	32° er Below	32° er Below	Below	Total	Departure From Norm	Grantest	Date	Tatol	Max. Depth an Ground	Date	8	.50 or More	1.00 or N
MONTROSE TOWANDA 1 ESE WELLISBORO 3 S	48.5 53.5 48.1	31.9 36.9 33.2	40.2 45.2 40.7	4.6	62 67 62		20 22 19	26	736 586 721	000	0	19 11 14	000	4.48 5.08 6.22	2.46	1.30 1.75 2.28		3.1 1.5 3.0	1 2 3	3 30 30	7 4 6	3	2 3 3
DIVISION 06			42.1	3,5										5,38	2.47			3.1					
CENTRAL MOUNTAINS  BELIEFONTE 4 S DU ROIS 7 E EMPORIUM 1 N KARTHAUS LOCK HAVEN	52.6 48.7 48.2 51.4 53.3M	34.3 34.7 30.8 30.2 32.2	43.5 41.7 39.5 40.8 42.8M	1.5	68 64 66 67 68	18 19 19	21 16 18 15	25 25 26+	641 689 757 719 657	00000	0	10 14 20 19 14	00000	5.12 4.79 5.12 4.01 4.30	1.18	1.70 1.78 1.88 1.35 1.37	29 30	3.0 3.0 .0	1 1 2 0	30 30+ 3	67966	3 2 3 2 3	3 2 1 2 2
MADFRA PHILIPSBURG FAA AP RFMOVO RIOGWAY STATE COLLEGE	49.7 47.4 53.2 50.3 51.4	30.5 32.8 35.8 32.2 36.3	40.1 40.1 44.5 41.3 43.9	3.5 2.9	65 63 69 66 67	19	14 18 23 19 23	26	739 740 610 703 627	00000	0 0 0	21 19 10 17 7	00000	4.89 4.69 4.82 4.56 5.14	1.80 1.50 2.09	1.28 1.92 1.84 1.56	07 30 30	.0 1.0 .0 4.7 .8	0 T 0 3	30 30 30	6 5 6 9 6	3 3	3 2 2 1 3
OIVISION 07  SOUTH CENTRAL MOUNTAINS			41.8	2.7										4,13	1,64								
ALTOONA HORSESHOE CRVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 SW HUNTINGOON	52.2 57.8M 52.5M 54.1	35.9 36.6M 32.9M 33.2	44.1 47.2M 42.7M 43.7	3.5 4.1	70 74 67 72	18			623 526 663 635	0000		10 10 14	0000	5.39 7.27 5.00	2,33	1.82 2.25 1.48 1.40	30	4.5		30	8 6 8	3	2 3 2 2
JOHNSTOWN KEGG Martinsburg faa ap	54.1 54.1 51.5	34.7 34.8 36.8	44.4 44.5 44.2	1.9		19 18+ 17	23 20 25		611 609 620	000	000	13 13 8	000	5 • 84 4 • 42 5 • 27	3.07	1.25		1.5 1.0 1.6		30 30+	10	3	2
DIVISION 08			44.4	3.4										5.53	2.69			1.7					
SOUTHWEST PLATEAU												12	0	2.27		77	07	2.2	,	30+	6	1	0
BAKFRSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETTSTOWN 2 W BUTLFR CLAYSVILLE 3 W	53.8 48.2 53.0 51.9M 54.3	37.6 36.2 31.3 33.4M 32.4	45.7 42.2 42.2 42.7M 43.4	1.1	69 65 68 67 70	18+ 19+ 19	21 14 16	25 25 25 25 25	573 678 680 665 641	00000	0 0	11 21	0000	6.25 2.15 4.18 2.33	1.41 28	1.90	29 30 30	11.1 T 3.5	2	30	11 7 11 9	1 2 1	2
CONFLUENCE 1 SW DAM DONEGAL DONORA FORO CITY 4 5 OAM INOIANA 3 SE	53.0 48.8 56.2 53.2 52.3	32.6 31.4 38.0 34.0 34.1	42.8 40.1 47.1 43.6 43.2	1.9	69 68 72 69 68	22 18 19	16 22 17		656 741 528 637 647	00000	0 1 0 0 0		00000	4.47 7.06 2.83 4.04 5.34	. 48	1.07 2.15 1.20 1.10 1.58	29 29 30	6 · 5 · 6 · 5 · 3 · 6 · 2 · 8		30 29 30 30	8 9 7 10 10	3	1 1
MARION CENTER 2 SE MONTGOMERY L AND D NEW CASTLE 1 N NEWELL NEW STANTON	49.4 54.6 53.4 54.8	34.9 37.8 35.9 37.8 34.7	42.2 46.2 44.7 46.3 44.8	2.7		18	18	25 25 25 25 25 25	678 558 600 552 601	0	00	9 14	00000	5.62 2.84 3.34 3.60 5.42	.68	1.79 1.14 1.17 1.15 1.20	30 30 29	10.0 3.0 2.0		30	12 9 9 8 8	1 1 3	1
PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM SALINA 3 W SLIPPERY ROCK	51.9 54.4 51.1 52.7 51.3	35.4 40.2 34.3 36.3 37.7	43.7 47.3 42.7 44.5 44.5	2.9 2.8	69 69 66 68	18 23+ 18	28 18 18		634 524 663 606 611	0	0	2 15 14	00000	2.54 2.96 4.99 3.22 3.41	.30 .62	1.01 1.16 1.49 .95	29 30 29	5 · 8 5 · 3 1 · 5 3 · 0 1 · 0		29	7 6 11 7 8	2	1 1 0
STOYSTOWN UNIONTOWN WAYNESBURG 1 E	50.2 55.4 54.8	32.9 37.7 31.8	41.6 46.6 43.3	2.3 0.7	71	19 21 18	20	25 25 26+	696 545 645	0	0		000	5.45 4.43 3.07	1.72	1.42 1.72 .87	2 07 29 30	2.5		30	8 7 10		
DIVISION 09			44.0	2.2										3.99	1.31			3.0					
NORTHWEST PLATEAU  BRADFORD FAA AIRPORT BRADFORO 4 W RES CLARION 3 SW CLERMONT 4 NW CONNEAUTVILLE	45.1 47.8M 51.3 46.6 51.4	31.8 33.8 33.3 32.7 36.2	38.5 40.8M 42.3 39.7 43.8		67 67		16	25 25 25 25 25 25 25	788 690 677 756	0 0 0	0 0	18 15 15 17 12	000	4.92 5.75 4.08 6.13 6.98		1.27 1.15 1.16 1.60	30	10.5 17.0 1.5 12.0 2.5		30 30 30 30	11 11 9 11 12	3 2	1 2
CORRY COUDERSPORT 3 NW DU BOIS FAA AIRPORT EAST BRAOY ERIE WB AIRPORT	47.7 45.8 47.4 54.1 50.6	34.2 31.5 34.3 36.3 39.3	41.0 38.7 40.9 45.2 45.0	2.1	61 66	22 18 18 18 18 22	13 20 19	30 25 25 25 25 30	714 786 716 587 594	000	1 0	19 13 8	00000	6.04 5.74 4.87 5.31 5.91	2.04	1.65	30 29 3 29	15.0 6.0 5.0	3 1	30 30 30 30	16 12 11 12 11	3 3	2 2 1
FARRELL SHARON FRANKLIN GREENVILLE JAMPSTOWN 2 NW KANF 1 NNE	53.7 52.0 51.5 50.7 47.3	40.2 35.3 36.6 34.6 31.2	47.0 43.7 44.1 42.7 39.3	4.6 3.5 3.3	63	17 23• 23• 23• 23•	19	30 26 25 25 25 25 25	534 631 618 662 765	000	000	10	0	2.94 5.10 3.95 4.89 5.69	.95 2.12	1.0	7 30	7 3 · 6 8 · 9 7 · 6 11 · 6		30 30 30 30 30	11 11 13 14	3 4 3	1 1 1 1 1
MEADVILLE 1 S MERCER 2 NNE TIONESTA 2 SE DAM TITUSVILLE WATER WORKS WARREN	50.1 50.9 49.4 49.7 49.2	34.7 35.0M 33.5 33.2 35.7	42.4 43.0M 41.5 41.5 42.5	2.9	62		21	25 25 25 25 25 30	670 657 698 701 669	000	0 0	13 15 14	000	5.65 4.71 4.68 4.76 4.81		1.6		9.6 5.6 4.6 9.6 5.6		30 30 30 30 30 30	13 12 10 12 11	2 2	1 1 1
DIVISION 10			42.2	2.7										5.15	1.91			7.0					

# DAILY PRECIPITATION

PENNSYLVANIA NOVEMBER 1963

C4-41	T a T		Day of Month			
Station	1 2 3	4 5 6 7 8 9	10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27	28   29   30   31
FOUINUNK 2 FRANCIS E WALTER DAN FREELAND GOULDSBORD MANLEY	5.52 .05 .15 .05 4.37 .01 .08 .07 00 6.33 .01 .13 .05 4.23 T .03 .02	.32 1.53 .87 .0 .40 1.83 1.30 .29 1.95 1.63 .0	04 .10 05 .08 T T	.04 .0	.01 .63 .80 .01 T .90 .01	.11 1.78 .04 .67 1.30 .05 1.17
HOLLISTERVILLE HONESDALE & NW LAKE MINISINK LAKEVILLE 1 NNE LONG PONO 2 %	4.89 T .06 .08 5.01 .06 .03 T 5.58 .09 T 3.70 T .06 4.27 .15 .05 .10	.17 1.54 1.74 .0 .36 1.51 1.32 .0	03 T .20 .04 04 .12 .02	T .01 .00 T T .02 T .02	.01 T .36 .01 T .79 T	02 08 9 08 71 02 1.30 7 .55 05 1.42
MATAMORAS MILANVILLE PAUPACK 2 WNW PIKE5 CREEK PLEASANT MOUNT 1 W	6.13 .04 5.54 .02 .09 5.40 .05 .03 4.41 T .01 5.73 .05 .05 .1	.12 1.82 .51 .00 .10 1.41 1.94 .0	08 .17 T T .09 08 .10 02 .06 T	T	T .42	1.55 .11 1.02 .02 1.05 .32 .80 .15 .81
SCRANTON SCRANTON WB AIRPORT STROUDSBURG TOBYHANNA WILKES-BARRE	3.73 .03 .05 4.62 T .04 T 5.41 .08 .06 T 7.26 .02 .11 T 3.89 .04 .02 .0-	T .58 2.13 .38 T .10 1.05 1.56 .32 T .61 2.94 .56 .0	.02 .01 T T T .02 T .01 .02 T .02 T	T T T + 0:	.65 T	.03 .50 .20 .02 .85 .40 .70 1.41 .04 .60
MOUNTAINS 02						
ALLENTOWN WB AP ALLENTOWN GAS CO BETHLEHEM BETHLEHEM LEHIGH UNIV CLAUSSVILLE	6.30 .12 .11 6.58 .15 .19 .0= 6.58 .12 T 7.09 .18 6.30 .15 .15 .02	.62 2.37 1.34 .73 2.50 1.25	T .01	T .01 T .00.	.70	T 1.07 .36 .02 1.29 .1.42 .17 1.36 .1.17
KRESGEVILLE 3 W LEHIGHTON NEW TRIPOLI PALMERTON PORT CLINTON	5.97 .02 .06 .07 3.53 .04 .10 .05 5.46 .08 .14 .01 5.76 .07 .06 8.33 .20	.27 1.00 .53	03 03 05 04	*01 *01 *01	1 .25 1.16 .01 1.32	.04 1.05 .10 1.15 .71 .15 .04 .85 .06 .30 3.02
POTTSVILLE TAMAGUA TAMAGUA 4 N OAM 21CN GROVE 21CN5VILLE 3 SE 50UTHEASTERN PIECMONT	6.46 .12 .11 .06 7.23 .07 .15 .05 5.92 .07 .20 5.52 .05 .14 .02 7.08 .23 .35	.37 1.65 .80	.06	.03 .02 .07 .00 T	* 1.06 T 1.09	.28 2.01 .16 1.65 .20 1.54 .12 2.02 .06 1.34
03 BECHTELSVILLE	6.11 .27 .34	.75 2.20 .43 .03	33		.02 1.10	.97
BERNE CHAOOS FORO COATESVILLE 1 5W CONSHOHDCKEN	5.17 .29 .10 7.12 .23 .84 7.59 .25 .68 7.18 .24 .59	.49 1.52 .52 .54 2.71 .24 .03 .63 2.90 .55 .01 .54 2.47 .63 T	7 T	T T	1.04 1.15 .02 .93 T 1.09	.12 1.09 .02 1.34 T 1.56
OEVAULT 1 W OOYLESTOWN EPHRATA GEIGERTOWN GEORGE SCHOOL	8.15 .80 .15 7.35 .52 .36 6.64 .21 .20 8.29 .31 .42 6.55 .17 .61 .06	.33 1.70 2.20 .20 .97 2.65 .66 2.00 1.40 .30 .75 3.63 .94 .38 2.20 .85 .01	.04	• 01	.84 .91 .10 1.00 .05 .94 .86	1.50 .39 1.00 .18 .75 .72 .04 1.26 1.38
GLEMMOORE GRATERFORO GRATERFORO 1 E HOLTWOOD HONEY BROOK 1 W	7.47 .28 .61 5.70 .22 .52 6.56 .15 .55 5.85 .13 .50 6.86 .33 .67	.65 2.85 .69 .03 .57 2.00 .55 .55 2.73 .55 .07 .54 2.49 .23 .01 .97 2.08 .53 .10	77	Ţ	.05 .93 .82 .76 .01 .85 T .89	.01 1.37 1.02 1.20 .01 1.08 T 1.29
LANCASTER 2 NE PMP STA LANDISVILLE 2 NW LEBANON 4 WNW MAPLE GLEN MARCUS MOOK	7.2 .28 .40 6.32 .10 .29 5.44 .12 .19 7.65 .28 .61 6.63 .79 .10	1.09 2.77 .40 .67 2.44 .45 .01 .59 1.71 .37 .03 .75 2.83 .75 .01	3 .01	.02 .03 .03	.03 .97 .02 .98	.71 .59 .18 1.15 .40 .99 T 1.57
MORGANTOWN MT GRETHA 2 5E MYERSTOWN NESHAMINY FALLS NORRISTOWN	7.58 .50 .27 T 6.49 .30 .18 5.24 .13 6.31 .76 .17 6.94 .21 .54	.09 1.34 2.65 .13 .03 2.00 1.20 .13 .54 1.99 .36 .12 1.04 1.24 .42 .46 2.51 .75 .01	, 04 T	.01 .06 .04 T	1.15	.86 .76 .14 .90 .40 . .20 1.00 . 1.14 .37 .
PALM PHIL OREXEL 1N5T TECH PHILAOELPHIA WB AP R PHOENIXVILLE 1 E	5.95 .13 .22 7.16 .81 .08 6.67 .70 .07 6.52 .49 .10	.05 1.40 .05 1.60 .42 .25 1.41 1.57 .31 T .23 1.60 1.77 .16	Ţ	• 05 • 02	1.16	T 1.25 T
QUAKERTOWN 1 E READING WB CITY R STRAUSSTOWN VIRGINVILLE WEST CHESTER	6.73 .28 .39 .01 6.11 .24 .14 6.45 .25 .18 .01 5.68 .33 .11 6.98 .25 .75	.48 2.37 .76 .01 .01 .20 1.38 2.04 .03 .60 1.82 .46 .01 .58 1.96 .52 .04 .63 2.70 .35	1 .02	† † *02	.01 .01 1.12 1.00 .01 1.17 .06 1.04	.01 1.25 .71 .37 .16 1.74 .28 .76 .03 1.28
WEST GROVE 1 SE YORK HAVEN	7.36 .20 .82 4.76 .09 .19	.5% 2.71 .26 .08 .60 1.65 .12 .01	8	.05	.05 1.06 T .51	.02 1.60 .48 1.06
LOWER SUSCILLENAMA 04  ARENOTSVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG	6.40 .10 .16 .04 4.87 .07 .08 5.54 .07 .01 4.79 .07 .05 5.37 .10 .13 .03	.2. 2.07 .18 T .32 1.96 .32 T .64 2.27 .02 .03 .05 .68 1.72 .02 .39 1.89 .09 T	3	.05 .00 .03 .03	1 .45	.56 2.40 . .35 1.25 . 1.37 .73 . T 1.58 .22 .
HANOVER HARRISBURG WB AP R HUNTSOALE MERCERSBURG NEW PARK	5.75 .17 .38 5.93 .11 .08 5.87 .07 .14 .01 5.75 .28 .07 .02 6.80 .30 .33	.51 1.84 .16 .06 1.26 1.55 .01 .26 2.45 .63 T .38 1.77 .26 .96 2.29 .10	Т	T T .04	T .86 .23 .08 .22 1.28	.55 1.5519 1.6413 1.70 .5830 1.75 . 1.18 1.44 . 1.35 .15 .
SHIPPENSBURG SOUTH MOUNTAIN SPRING GROVE YORK 3 55W PUMP STA	4.85 T 6.26 :20 :16 :05 6.75 :12 :39 6.71 :14 :24	.55 1.95 .18 T .33 2.48 .49 .53 2.34 .23 .83 2.29 .08 .01	т	T .05	.38 T .44 .79 .87 .06	1.44 .30 . .27 1.78 . .38 1.95 . 1.05 1.10 .
MICOLE SUSQUEHANNA 05 BEAR GAP	7,07 ,17 ,19	.37 2.11 .21 .03	3 .05	.04	.80 .13	.47 2.50 .
BEAVERTOWN BERWICK CAMP KLINE CEDAR RUN	5.38 .25 3.99 .03 .08 5.43 .12 .03 5.46 .20 .23 .12	.25 1.75 .30 .01 .77 1.20 .08 T 1.90 1.10 T T .03 1.30 1.12 .07	T .05 .01 T T T .02	.08 .02	.20 .35 .50 T .13 .46 .02 .12 .57 T	.02 .85 .37 .29 1.30 .21 1.42
OANVILLE ENGLISH CENTER JERSEY SHORE LAURELTON ST VILLAGE LEWISTOWN	4.25 .14 .11 T 5.32 .06 .05 .02 5.55 .11 .03 .06 	.21 1.41 .41 .05 T 1.34 1.18 .05 .03 1.52 1.37 .05 .24 1.54 1.27 .04	5 5	.04 T .04	.01 T .50 T .02 .38	.12 1.26 .207 .11 1.83
MILLVILLE 2 SW MILROY NEWPORT SHAMOKIN SUNBURY	4.49 .04 ↑ 4.53 .12 ↑ ↑ 5.80 .14 .05 6.27 .18 .25 4.61 .19 .05	19 1.20 .38 .04 .19 1.25 .35 .07 .24 2.11 .42 .03 T .22 1.86 .52 .03 .20 1.60 .45 .02	7 T T T T 3 .03 3 .05	T .03 .04 .03 .04 .02 .02 .03	.01 .68 T .15 .40 T .52 .82 .53	.04 1.8641 1.5524 1.9812 2.2015 1.39 .
TOWER CITY 2 E WATSONTOWN	6.7 <sup>d</sup> .26 .26 .01 5.2 <sup>7</sup> .03 .01	.2" 2.05 .57 .01	1 •02 T •02 T	T .02	.75 .73 T	.29 2.20 . .83 1.11 .

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Continued																												NOVEMBER 1963	-
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of Mo	onth 15	16 17	18	19	20	21	22	23	24	25	26	27	28 29 30 31	-
WILLIAMSPORT WB AP	5.08	.01	T		- 1	- 1		1.39	.01		Ť	T	-	Ť	Ť			.0		7	.04	Ť	.48	T	1			.05 2.22 .20	- •
UPPER SUSQUEHANNA 06 AUSTINBURG 2 W	5.98	. 21	.06	.10				1.18	1.96			.02	т	Т	т	т			т		т	.04	.06	.10				.12 2.13	
CANTON I NW COVINGTON 2 WSW OIXON DUSHORE 2 SSW	4.90 5.73 4.19 6.06	.10 .15	.05 .05 T	.05 .06 T				1.10 1.25 1.24 1.66	1.65 1.52	T T .06		T •04 •04		T T	Ţ Ţ	.02			T		T	T T	T	.55 .65 .21	Ť			.09 1.89 .10 1.82 .15 .91 .07 2.10	:
EAGLES MERE HOP BOTTOM 2 SE LAWRENCEVILLE 2 S LE ROY MONTROSE	6.45 4.99 5.74 6.06 4.48	.07 .03 .18 .02	.03 .07 .03 .02	.15 .06 .02	T		.08	1.53 .79 2.42 1.37	1.24 .37 2.01	.05 .15	.02 T	.03 .22 .03 .01	T T	T •08 T	T T	T T T •01	T	.0		T	.08 .02 T	.04 .05	T •41	1.31 .43	T			.15 1.84 .19 1.46 1.58 .44 .13 2.05 .04 1.15	
ORWELL 2 NW RUSHVILLE	4.79	.08	T	.01			.02	1,20		.18	•••	.11				.02					.03			.32				.02 1.44 1.52	
SUSOUEHANNA TOWANGA I ESE TROY	4.45 5.08 5.26	.06	.06 .01	.07			,10 T	1.05 1.30	1.34 1.65 2.10	.09	Ť		T	,01	T T	.16 .08 T			.02		.01 .01	T	.01	.53 .27 .41	Ť			.13 .95 .07 1.75 .10 1.20	
WELLSBORO 3 S CENTRAL MOUNTAINS 07	6.22	.11	.06	Т			.01	1.37	1.93	.01				Ť	T	Т			Т		.01	T	.02	.31				.11 2.28	•
BELLEFONTE 4 S CLARENCE	5.12	.26	.07	T .02			т	I.70 1.20	1.00	.10	.05	. 06 T				т			.05		T .08	т	.08	.34				.20 1.33 .19 1.92	:
CLEARFIELO DU BOI5 7 E EMPORIUM 1 N	5.01 4.79 5.12	.40 .19	.09	.18	.01	T	.02 .28 .06	1.05 1.20 .71	.32 .29 .81	.06		06 07	* <sup>05</sup>	.04 .03	T .03	.09 .08 T	т	.0	.03		.10 .02 .04		.17 .48 .15	. 49				.35 1.66 1.78 .10 .38 1.88	
GLEN HAZEL Z NE OAM KARTHAUS LOCK HAVEN MAOERA	5.46 4.01 4.30 4.89		.10 .02 .02 .07	.31 .01 T	T •02	.03	.09	.45 1.02 1.37 1.04 1.04	1.08 .45 .78 1.12	.10 .06 .04 .03	.02	.28 .02 T	.06	.12 T T .02	.03	.07 .01	T		.03 .07	,	.06 .06 .03 .08	T T	.18 .09 .03 .08	.04 .35 .45 .50	T			.30 1.65 .22 1.35 .14 1.27 .24 1.28 .37 1.55	
MAHAFFEY MEDIX RUN	5.42 5.33 5.00	.38	.11 T	.04	т		.05	.80	.68 .71	.05	т	.02	т	.02		.04			.06		.04	т	.01	.42				.28 2.07	
MILLMEIM PHILIPSBURG FAA AP RENOVO RIDGWAY	4.69 4.82 4.56	.03 .18 .22	.04	.01 .05			.37 .05	1.92	.21 .89 .86	.09 .07	T .02	.20	T .02	Ť Ť •05	•01 T	† † •01		.0	.01 .11		.01 .05	т	27 07 21	.29				1.75 .03 .11 1.84 .21 1.56	
STATE COLLEGE	5.12 5.14	.22	.07	.03	T T		.05	1.26 I.56	.75 1.01	.09		.02 .03	T	.01	T	.01	Т		.01		.05	T	.08				T	.10 1.87 .34 1.30	:
SOUTH CENTRAL MOUNTAINS 08																													
ALTOONA HORSESHOE CRVE BREEZEWOOD BUFFALO MILLS BURNI CABINS 2 NE	5.39 3.37 4.86 7.27 5.29	.10 .25 .05	.07	.20 .17 .07		.12	.64	2.25	.29 .60 .60 .13	.04	T	•04 T	.05	.08	T	.05		•1	3 .01 0 T		.03		.08	.22			T	1.82 .33 .79 .53 1.47 2.10 2.00 .48 1.27	
CARROLLTOWN 2 SSE  CRESSON 2 SE EBENSBURG	5.49	.09	.05	.17	Ţ		.07	-	1.40	.09	·	•02		.03		.05			•04		.02		.09	.60		т		.30 1.05 .51 1.48	
EVERETT 1 5W HUNTINGDON HYNOMAN	5.00	.16	.33 T	.04		.09 T	.34		.72	.02	- T	-	-	-	-	-		-	-	-	.03		.36	-		•	-	1.20 .31 .45 1.65	
JOHNSTOWN KEGG	5.84	.16 .32	.02	.38		.01		1.25	.84	.38	.02	.02		.05		.10			.10	)	.07		.0s	.30			.01	.86 1.12 • 1.96	:
MAPLETON DEPOT MARTINSBURG FAA AP MC CONNELLSBURG	5.45 5.27 8.87	.06 .01 .15	.07	.02 .01		.02	.18	1.49	1.16	*02 T	.01	.02	T	.01	Ť	.01		.0	4 T	? T	.03 .01 .02		.02 .30	.27		Т		.31 1.84 1.87 .03 .73 1.60 1.84	:
5AXTON TYRONE 4 NE BALD EAGLE WILLIAMSBURG WOLFSBURG	4.73 4.11 4.85 4.51	.06	.01	.03 .04 .08	T		.09 .05	1.37	.79 .50 1.02 .61	T		.01 .02 .01		T T		Ť			T .0:		.05 .04 T		.05 .05 .02	.28 .46			Т	.77 1.05 .41 1.33 .54 1.16 .68 1.50	
SOUTHWEST PLATEAU 09	3.59	.15	.09	. 12			.04	.34	.44	.19		.11		.01		.11			.04		. 14		.09	.27				.19 1.26	
BAKERSTOWN 3 WNW BEAVER FALLS BLAIRSVILLE 6 ENE BOSWELL I 5W	2.27 3.07 6.25 6.67	.13	.13 .04 .07	.19		Ť	.01 .04 .28 .22	.72	.21 .17 .55	.01 .16 .20	.03	.22	T T	.02 .10 .07	Т	.07	т	. 1	.0	9	.02 .05 .05		.46 .07 .93	.09 T		T	.02 T	.46 .02	
BRAODOCK LOCK 2 BRUCETON I S BURGETISTOWN 2 W	3.10 * 2.15	.05 .10	.09	•21 •11		T * 01 T	.09	.32	.54 .44 .14	.20 T		.06				.03			.0	1 6	•11 •12 •07		.20	.29				.20 .86 • .39 • •19 •84	:
BUTLER CHARLEROI LOCK 4 CLAYSVILLE 3 W	4.18 3.45 2.33	.18	.10	.07		.03 T	.02	.35	.40 .49	.20 .03		.05		.01	Т	•06			. I	3	.06		.60 .13	.10	1		.02 T	.34 1.16 .20 .85	
CONFLUENCE I SW DAM CONFLUENCE 1 NW CONNELLSVILLE CORAOPOLIS NEVILLE IS	5.29 5.04 2.30	.32	.02 T .06	.06 .14 .10			.30	1.06	.48 I.02 .85 .38	.13 .22 .15		.01		Ť	T	T T			.0	4	.01		.05	.18	1		Ť	.79 1.05 .85 1.10 .31 1.77 .45 .86	
CREEKSIDE DONEGAL OONORA FORD CITY 4 5 DAM GLENWILLARD DASH OAM	7.06 2.83 4.04 2.62	.13 .18	.04	.22	-	- T T	.67 .14 .07	.53	.96 .16 .78	.03	.05	.02	02	- T .01	.01	T .03		1	.0:		.13		.46 .27 .13	.28		02 T	•	2.15 .12 1.20 T .35 1.10 .12 .90	
GREENSBORO LOCK 7 INDIANA 3 SE KARANNING LOCK 7 MARION CENTER 2 SE	3.81 5.34 3.78 5.62	.20 .15 .23	.06 .04 .05	.23			.35 .01 .10	.66 .94	.37	.12	.01	.02 .10 .21		.02 .03	.02	.03 T	.03 T		.0: .0:	2 4 4	.05 .06 .13		.09 .15 .25	.40 .60 .20			T •01	.52 .99 .50 1.58 .27 .93 .19 1.79	:
MC KEESPORT MEYERSDALE 1 W	3.00 4.11	.06	.05	.05		.01	.06 .25	1.10	•49	.08		.17				.01			*0 T	1	.08		.06	. 27	,			.48 .84 T .60 .87	
MONTGOMERY L AND O NATRONA LOCK 4 NEW CASTLE 1 N NEWELL	2.84 3.33 3.34 3.60	.10 .41	.01 .03 .03	.27 .10 .25		T	.04 .02 .23	.34	•17 •49 •10 •20	.04 .32 .17		.23 .02 .24		.01 .02 .02		.02 .08 .01			•0	4 5 5	.01 .08		.09 .05	.10	3		T	.16 1.18 .30 1.17 1.15 .50	
NEW STANTON PARKER PITTSBURGH WB AP 2 //R PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM	5.42 3.53 2.54 2.96 4.99	.04 .06	.06 .14 .11	.31 T	т	.01 .02	1.20 T.15 .14	.53 .56	1.05 .39 .12 .33 .81	.04 T	.10 .08 .02	.13	т •03 Т	T T T	.05 .02 .03	.07		•0	7 •0 02 02	T .01	T T T • • 02	Т	.60 .18 .33 .32	.16		Т	Т	1.05 .17 .19 1.02 1.01 .04 1.16 .03 .25 1.49	•
RICES LANDING L 6 SAGAMORE 1 5 SALINA 3 W SCHENLEY LOCK 5	3.35 5.80 3.22 3.76	.10 .10	.03	.20			.26 .50 .18 .08	.80 .73	.26 .95 .25 .51	.04 .16 .06 .21	.08	.02 .20 .12 .10	.04	.10 .01	т	.06 .03	т	•(	.0 .1 .1	0	.06 .08 .09		.06 .08 .43 .20	. 20 T	9	т	. 12 . 01 T		:
SLIPPERY ROCK  SOMERSET FAIRVIEW ST STOYSTOWN	3.41 6.44 5.45	.24	.18	.16			.25	1.25	1.12	.45		.04		•01		.03			.0	7	.03		.07	.35			T +36	.54 1.70	:
STOYSTOWN UNIONTOWN VANDERGRIFT WAYNESBURG I E WHITESBURG	4.43 4.69 3.07	•12 •16 •14	.03	.17		T T	.47 .13 .13	1.05 .48 .40	-16	.35		.03 .11 .02		T •04 T	T T	.06		•(	.1	1	.03 .12 .06		.62 .07 .16	.41	5	T	T	1.72 .15 .21 1.43 .49 .87	•
NORTHWEST PLATEAU 10																			i i									10 00	
BARNES BRAOFORD FAA AIRPORT BRAOFORO CENTRAL FS	4.95 4.92 5.17	.46	.09 .32 .34	Ť	.05	.06	.11 .14	1.18 .38	.38 .21 1.05	.30 .04 .05	T	.34 .13 .18	.10 .14 .20	.06	.06 .01 .02	.06 T	,	r .c	7 7	. 0	.15 .14		.21	. 7	Т			1.27 .27 .20 1.23	•
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# DAILY PRECIPITATION

Station	Te.													Day	of M	onth																
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BRADFORD 4 W RES CARTER CAMP 2 W CLARION 3 5W CLERMONT 4 NW CONNEAUTVILLE	5.75 4.91 4.08 6.13 6.98	.26	.59	.07 .11 .45 .48	.04	.03	.02 .07	.48	1.03	.02 .03 .04 .07		.23 .20 .40 .32	.07	.10 T .02 .12	.04	.04 7 .01 .02	T		.04	.05 .03		.18 7 .13 .08	.05	.07 .07 .06 .27	.10	т	_	L		.06 .12	.37 1.63 1.18 1.60	
COOKSBURG CORRY COUDERSPORT 3 NW COUDERSPORT 6 E OU BOIS FAA AIRPORT	6.04 5.74 8.01 4.87	.62 .30	.62 .17 .80	.03		.14	.02		1.09	.03 .02	.24 T .04	.22 .26 .16	.37 .44 T T	.06 .23 .17 .18 T	.02 .28 .11 T	.07 .07 .03 .02	т	т	.17	.07	.04	.21 .18 .07 T	.01	.15 .13 .05	.22	т			т	1.59	1.61 .13 1.77 2.19	
EAST BRADY EDINBORD ERIE WB AIRPORT FAARELL SHARON FRANKLIN	5.91 2.94 5.10	40	.20 .06 T	.03	Ť	.03	.13	.97 .32 .29	.16 .35 .17	.04	.25	.39	.21 1.27 .05	.99	.09 .09 .05	.03	.05	.02	.17	.09	.04	.20 .07 .05	-	.40 .07 .01	-	-	-		-	1.30	.04	
SALETON SAEENVILLE JAMESTOWN 2 NW KANE 1 NNE LEWIS RUN 3 SE	6.29 3.95 4.89 5.69 5.21	1.08	.12 .60 .65 .23	.07 .19 .19 .44		* 0 g	.07 .01 .11 .12	1.20 .28 .17 .40 .28	.17 .18	.08 .02 .06 .11	.28	.03 .05 .31 .39	.03 .10 .20 .08	.02 .16 .16	05 T .02	.06			-12	.07 .13 .02	.04	.06 .11 .1-	.03	.15 .10 .02 .23	T .01		.03			1.05 .62 .17	2.03 .10 .83 1.57 1.35	
LYNCH MEAOVILLE 1 5 MERCER 2 NNE NORTH EAST 2 5E RAYMONO	5.11 5.65 4.71 6.74 2.57	1.05	.10 .22 .10 .31	.24 .77 T T	.04 T	.04 .01	.12 .10 .15 .19	.70	.57 .12 .35 1.42 .11	.10 .04 .30 .28	.0z	.34 .40 .30 .24	.11 .28	.20 .51 .10 .80	.07 .08	.07 .02 .20 .02		.03	.07	.05 .19 .16 .13		.15 .12 .03 .13	.03	.04		τ				.58 .58 .28	1.35 1.00 .62 1.10	
REW RUSSELL STUMP CREEK TIONESTA 2 SE DAM TITUSVILLE WATER WORKS	5.92 5.42 4.57 4.68 4.76	.66	.25 .50 .04 .07	.24 .22 .08 .39	.01	.04 T	.13 .23 .13	.65 .35 .22 .36	.68 .62 .78 .36	.13 .04 .15	T .03	.23 .33 .07 .33	.19 .27 T .05	.17 .11 .11 .08	.06 .02	.08 .08 .08	. 08 T	Ť	.14	.09 .16 .08 .05		.10 .09 .06 .07	.05	.12 .14 .11	.36 .01	*09				.37 .40 .25	2.04 1.47 1.54 1.49	
TORPEOO 4 W TURTLEPOINT 4 NE UNION CITY FILT PLANT WARREN WEST HICKORY	5.61 5.69 4.81 4.58	.60 .38 .50	.51 .32	.30		.02 .02	.28	.33 .27 .32	.32 .38 .43	.16 .14	.02 .02	.36 .27	.29 .17	.22	.08	.10		-	-	.20 - .07 .12		.07	T .01	.02 T	.0:	-		-		•26 •17	1.21	

PENNSYLVANIA NOVEMBER 1963

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POCONO MOUNTAINS 01		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30   31	Aver
	MAX	56	49	44	44	55	56	54	55	48	50	58	54	44	41	44	39	50	64	67	49	50	49	58	57	37	37	43	52	52	58	50.5
FRANCIS E WALTER OAM	MIN	40	34	31	22	30	41	49	45	44	37	39	25	22	28	30	27	35	39	62	19	22	35	36 51	32	23	16	28	25	25	26	31.6
FREELANO	MAX	34	32	29	33	52 35	52 42	52 40	58 48	56 47	46	52 46	26	23	25	28	28	40	52	50	30	28	40	40	31	26		35	35	36	26	52.3 35.6
HAWLEY	MAX	30	54 38	50 32	22	63 23	57 34	55 47	55 48	52 48	53 46	60 46	59 26	51 26	47 26	31	45 30	36	70 39	39	48 22	22	52 36	65 37	35	43 28	18	23	53 28	53 30	57 29	32.5
MATAMORAS	MAX	55 45	55 38	48 35	62 24	61 36	57 49	57 53	56 50	56 51	43	61 48	52 28	50 27	48 28	32	58 29	65 43	48	58 41	53 25	27	62 38	63 46	36	48 27	21	33	53 30	50 33	58 30	55.8 36.5
MILANVILLE	MAX	60 26	54 32	49 30	46 18	62 18	58 31	56 45	59 47	56 46	52 45	54 45	57 26	51 27	46 26	49 29	46 25	52 33	64 34	69 34	48 22	53 23	53 34	61 37	61 34	43 25	18	49 24	55 26	54 27	56 29	53.9 30.5
PLEASANT MOUNT 1 W	MAX	55 26	53 34	44 28	39 25	53 30	54 30	51 45	51 44	47 43	47 42	53 42	51 27	29	38 28	42 26	38 27	48 35	61 35	63 39	41 22	49 23	47 32	56 40	57 30	37 23	34 16	42 30	52 24	49 26	54 24	48.3
5CRANTON	MAX	59 36	55 38	45 35	46 30	58 30	62 42	57 49	55 48	50 47	53 45	5 8 46	60 37	50 35	47 36	47 32	33	53 39	70 50	67 46	50 28	56 29	51 41	65 42	62 36	39 27	41 26	46 34	54 34	59 33	64 28	54.1 37.1
SCRANTON WB AIRPORT	MAX MIN	52 45	45 35	46 34	56 33	60 42	55 49	55 48	50 48	51 48	57 42	55 40	46 35	42 35	46 37	42 33	51 34	67 48	67 51	57 33	53 29	52 45	62 42	62 43	43 31	37 27	44 25	54 38	55 31	62 39	39 24	52.1 38.1
STROUOSBURG	MAX	53 41	45 33	48 26	55 22	5 9 34	55 47	53 47	54 49	55 46	61	58 36	49 26	47 26	50 28	43 30	58 28	64 45	73 39	56 28	52 21	51 41	57 36	60 47	47 30	40 23	42 18	60 32	49 27	60 42	42 27	53.2 34.0
TOBYHANNA	MAX	47 29	45 32	43 28	55 26	55 39	51 44	53 49	50 44	47 43	58 39	53 43	44 27	42 26	43 28	38 26	54 31	62 42	65 45	62 37	48 20	47 39	58 35	56 49	55 29	35 21	41 18	53 31	49 28	52 41	55 24	50.5 33.8
EAST CENTRAL MOUNTAINS 02																																
ALLENTOWN WB AP	MAX MIN	56	4 8 3 5	50 34	57 33	62 37	57 52	58 54	55 50	59 47	61 46	59 39	51 32	48	48 31	48	55 33	66	70 42	57	54 28	56 46	60 39	61 48	48	45 25	43 25	59 34	56 31	62 43	44	55.1 38.0
ALLENTOWN GAS CO	MAX	62	57 42	49	50 35	5 9 3 8	63	58 54	58 50	55 50	59 47	62 48	5 9 3 4	51 32	52 36	52 36	48	56 38	67 43	72	56 30	55 33	58 41	60 42	61	42	45 26	44	61 32	57 34	62 34	56.3 38.7
BETHLEHEM LEHIGH UNIV	MAX	56	48	38	62	65 45	58	58 55	56 51	62	68	63	53 42	52	50	49	58 36	72 54	76 51	61	58 33	5 9 4 8	64	63	46	48	45	62	58	62	43	57.8
PALMERTON	MAX	54	47	48	56	60	57	57	53	57 49	60	57	48	47	46	46 37	59 32	65	71	54	50 27	53	58	61	47	44 27	44	58	55 31	61	41	53.8
PORT CLINTON	MIN	59	37 54	30 54	52	39 53	51 60	61	59	53	60	36 62	60	51	50	49	50	60	68	72	57	54	55	60	59	46	44	41	61	57	60	56.0
210N GROVE	MIN	57	33 53	28	45	21 57	40 59	50	43 55	51	55	35 60	23 55	47	23	29 45	43	32 54	36 68	71	53	53	34 52	35 61	60	42	18	46	25 55	29 55	28 59	29.8
SOUTHEASTERN PIEOMONT	MIN	32	37	34	24	26	41	47	46	41	36	36	26	28	28	33	29	39	44	45	22	22	36	36	36	24	21	31	27	27	27	32.7
O3 COATE5VILLE 1 SW	MAX	62	54	47	50	57	62	58	59	54	60	62	60	53	50	49	49	59	69	75	59	55	59	63	62	46	46	47	63	60	62	57.0
OEVAULT 1 W	MIN	53	40	38	29	33 62	43 62	54	50 52	48 59	68	42 60	29 52	25	25	37 54	57	34 66	73	59	28 55	30 58	37 64	63	38	27	22	62	60	34 62	32 43	35.8
EPHRATA	MIN	37	34	35	33	34	35 58	36 59	38	45	60	37 60	32 51	29	29	31 50	32 57	45 69	50 72	35 57	30 56	60	62	61	33 53	26	31 45	30 61	38 58	42 62	31 52	36.0
	MIN	44	39	36	32	41 60	50	53	48	47 58	43	62	36	28	34 50	38	33 52	46 57	46	48	34 55	54	38	43 65	36	28	27	35	38	40 58	30 61	39,3
GEORGE SCHOOL	MIN	40	41	35	30	31	40	53	50	49	38	42	29	28	26	33	33	37 56	48	49	29	29	40	40 62	43	26	23	27	30	35	38	36.4
GRATERFORO 1 E	MAX	37	39	37	31	58 32	32	57	49	55 49	60	62 46	32	31	27	34	31	33	47	51	30	33	58 40	41	41	28	24	30	29	35	32	36.6
HOLTWOOO	MAX	55 47	41	50 37	35	59 41	56 53	59 52	56 49	58 47	60 42	58 42	50 36	31	48 35	35	32	67 45	75 44	39	55 35	62 44	62	52	39	30	31	36	37	37	35	56.1
LANCASTER 2 NE PMP STA	MAX	55 46	52 40	49 39	58 29	60 35	57 50	59 54	57 49	59 49	38	60 39	51 31	50 27	31	50 40	58	70 41	76 42	50	55 28	61 46	62 39	61 52	57 38	28	25	62 34	58 30	63 30	61 33	57.4 38.0
LANOISVILLE 2 NW	MAX	59 42	55 39	46 38	48 27	58 32	59 45	57 53	59 49	56 48	57 37	58 35	58 29	24	47 28	47 37	27	58 37	70 40	73	57 27	55 31	61 37	61 40	37	45 25	24	30	62 29	56 35	62 29	55.6 35.3
LEBANON 4 WNW	MAX	58 38	53 37	47 35	48	57 36	60 41	56 50	58 47	56 46	59 42	58 43	58 32	49 28	48 30	46 32	50 30	57 33	69 47	71 48	58 30	53 34	60 38	60 37	60 35	45 26	28	42 30	61 32	56 36	61 31	55.3 36.1
MARCUS HOOK	MAX	53 46	50 40	51 40	57 40	60 45	57 53	64 55	56 52	62 51	64 50	62 46	53 42	50 38	50 38	50 40	58 39	65 51	67 48	62 43	58 39	57 41	62 46	62 54	54 36	46 32	47 34	63 42	62 43	60 46	46 35	56.9
MORGANTOWN	MAX	54 45	52 36	48 33	55 30	60 42	56 46	57 47	63 48	57 47	5 8 40	57 38	53 32	53 28	47 29	48 35	55 33	67 43	71 47	65 34	53 28	58 45	63 39	61 37	52 32	45 26	45 26	60 34	5 8 3 3	63 43	64 30	56.6 36.9
MT GRETNA 2 SE	MAX	60 42	53 38	48 33	57 34	60 30	60 30	5 8 3 5	56 36	58 44	58 38	58 36	49 29	48 32	48 34	49 31	59 32	70 38	73 52	60 35	54 30	61 40	60 38	60 38	54 32	48 24	43 24	62 32	56 33	60 38	55 31	56.5 34.6
NORRISTOWN	MAX	56 47	50 39	5 2 36	61	64 40	5 9 5 3	62 55	56 49	62 47	64 46	62 40	55 35	52 33	51 32	50 37	60 35	68 47	76 47	63 40	57 30	61 48	65 42	64 51	52 36	47 30	47 29	63 38	62 34	63 44	46 33	58.3 40.2
PHIL OREXEL INST TECH	MAX MIN	54 46	48 40	51 39	59 39	64 45	58 53	62 54	56 49	63 49	63	63 45	56 41	53 36	51 36	51 38	58 36	68 49	70 48	62 43	58 39	57 48	66 48	63 52	52 36	47 31	48 34	65 39	63 42	63 48	48 33	58.0 42.8
PHILADELPHIA WB AP	MAX MIN	53	50 38	51 35	57 32	63 33	58 53	63 56	56 50	61 43	61	61 36	53 34	50	50 33	50 37	59 31	70 44	69 47	62	55 38	56 41	65	63 52	5 2 3 2	44	49	64 35	59 33	62 45	45 33	57.0 39.0
						-																										
PHOENIXVILLE 1 E	MAX M1N	55	51 39	51 38	58	62 31		63	58 47	60 48	62	60 42	53 28	50 28	49	49 37	58 31	67 36	75 42	66 45	55 26	5 9 4 0	64	64 48	63	49	46 22	62	5 9 2 8	63 44	63 33	58.4 36.2
OUAKERTOWN 1 E	MAX	54	52	48	57	63	56 50	58 53	55 49	59 49	60	58 45	52 28	48	47	48 36	55	65	72	67	53 25	56 45	63	62	62	42 28	43	59	57 28	62	61	56.5
READING WB CITY	MAX	55	39 48	36 48	58	63	58	60	55	60	62	60	51	49	49	48	58	69	75	60	55	59	63	62	50	46 32	46	62	59 37	65	43	58.5 42.1
WEST CHESTER	MIN		39 54	51	38 53	60	52 64	54	51 60	51	63	65	63	55	36 52	39 51	50	57	53	73	62	56	57	63	63	50	48	38 47	64	60	62	58.2
	MIN	39	33	31	29	32	42	46	42	37	36	40	30	27	27	31	28	29	42	44	31	33	37	40	38	23	24	26	35	38	27	33.9

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PENNSYLVANIA NOVEMBER 1963

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Station	-	1	2	3	4	5	8	7	8	9	10	11	12	13	14	-	01 1	Month 17	18	18	20	21	22	23	24	25	28	27	28	29	30 3	31	
				48	49	55	59	58	60	58	58	60	59	52	1	49	49	56	61	71	57	55	57	60	62	45	42	44	-	61	61	55.7	,
LOWER SUSOUEHANNA 04	MIN	43	40	32	33	38	45	53	48	48	44	44	37	32	32	40	32	38	45	48	33	35	40	42	36	25	27	30		37	32	38.2	
				47 36	49 28	59 34	62 43	56 50	55 49	56 49	57 37	60 38	5 8 30	48	47	47 31	48	60 35	71 42	74	58 30	56 35	62 38	60 41	59 35	44	45 24	41 27	61	57 35	60 33	55.6 35.3	
				47	44 34	58 40	61 45	55 50	56 48	55 48	59 39	60 39	60 33	49	46 33	47 38	49	59 42	70 48	72 48	59 34	55 40	60	59 40	59 35	44	44	43 30	61	56 37	5 9 3 3	55.3 37.8	
				51	59 32	63 39	56 47	56 53	57 49	58 49	60 37	60 40	49 32	49	48 37	48 40	59 30	72 45	72 44	66 49	55 29	63 46	58 37	66 52	56 37	45 28	42 25	62 29	57 30	62 43	45 35	56.6 38.8	
				+8 37	58 31	61 33	55 46	56 49	54 48	55 40	5 8 3 5	59 36	47 30	47 26	47 37	48 34	62	70 43	72 44	63	56 28	63 44	57 27	60 45	45 36	45 25	43 25	60 30	5 6 3 0	61 39	40 32	54.9 35.8	
М	11N	46	38	47 34	48 33	57 40	60 45	57 50	56 50	56 50	57 37	61 41	59 37	49 26	47 35	47 39	48 33	61 42	72 47	74	59 29	56 36	62 37	61 43	61 36	45 28	47 27	47 32	62 32	58 34	62 33	56.3 38.0	
M	4IN	43	36	35	49 34 57	58 37	62 46 55	56	56	56 49	58 38	62 42	35	29	29	35	32	35	73 48	75 48	61 31	5 8 3 2	63	39	64 36	26	26	33	63	61 43	62 32	57.3 37.5	
М	AIN 4	43	38	32	30	60 40	48	58 50	55 49 55	60 49	59 37	58 38 60	49 31 59	47 25	46 34 48	49 32 48	59 31 48	69 45 63	73 42 71	57 33 73	52 29 60	60 39 55	38	63 45	46 33 59	25	25	31	32	36	33	55.1 36.4	
M	IIN	44	36 3	5	28	32 63	44	56	49	50	33	40 62	38	28	34	38	36	40	41	48	29	36	38	42 63	36	26	45 25 42	42 28 51	60 31 54	35	55 32 53	55.7 36.7	
YORK 3 55W PUMP STA M	IN 4	+0	35 3		32 59	39	46 57	52	48	49 58	36	42 61	36	29	34	34	35	45 72	48	45	27 56	40	38	46	34	24	24	31	33	61 47 63	32	55.8 37.8 57.6	
MIOOLE SUSQUEHANNA 05	1IN 4	+8 3	88 3	36	28	36	50	54	49	49	36	37	29	23	29	38	27	42	41	49	26	44	35	47	38	23	25	30	29	48	34	37.3	
BERW1CK M	AX !				52	62	57	58	54	59	62	59	47	47	48	45	56	70	71	57	57	53	64	63	46	39	45	56	58	62	37	54.6	
ENGLISH CENTER M	IAX 5	55 5	51 4	.4		37 59 21	60 39	50 53 47	53 44	48 51 44	38 56 36	36 63 36	29 57 27	43 27	35 42 34	32 44 34	32 44 26	51 31	43 64 42	33 68 44	25 52 23	41 54 23	39 55 40	45 62 39	32 62 35	43 22	23 44 20	31 46 24	30	36	28 55	35.7 52.6	
LAURELTON ST VILLAGE M	IAX IIN											30		-	-	34	20	,	72		23	23	40	34	37	22	20	24			25	31.7	
					50 30	61 28	62 42	54 48	56 49	55 48	56 38	62 38	60 36	53 35	48 35	48 38	48	62 37	74 45	72 47	60 29	57 29	57 40	64	63 38	46 26	46 23	44	57 31	57 31	56 33	56.2 36.3	
			52 4	6	47 25	55 26	58 38	54 46	56 46	5 2 4 6	57 38	61 38	57 33	46 32	41 32	47 30	44 30	54 39	66 46	67 46	55 25	55 25	50 35	60 36	60 35	43	43 21	41 25	54 29	57 30	58 30	53.1 33.6	
			5 4			61	61 40	55 48	56 50	56 50	57 36	61 37	60 29	49	48 29	46 36	48 29	62 44	70 44	74 45	59 26	55 26	61 39	60 40	60 27	45 23	46 23	43 27	60 29	56 29	60 33	55.8 34.7	
		6 5 8 3				57 25	60 38	55 45	55 46	55 46	57 37	62 36	5 9 3 0	47 33	56 32	47 34	47 27	57 31	70 43	72 46	59 25	57 26	57 36	61 36	61 35	46 24	45 22	42 25	56 30	54 30	60 31	55.4 33.3	
M.						56 27	52 45	55 51	55 48	58 47	55 35	60 37	55 26	48	45 28	45 36	25	56 31	66 40	71 43	54 23	51 26	55 35	60 37	59 35	41 28	41 21	42 28	57 30	54 32	60 30	52.9 33.3	
MI		3 3				57 43	54 48	56 50	54 47	58 45	61 39	58 37	48 30	45 38	47 36	46 35	53 33	66 45	69 49	57 34	52 28	52 42	58 42	61 44	45 33	42 28	42 27	55 34	54 30	5 6 3 3	36 30	53.0 37.1	
UPPER SUSQUEHANNA 06  AUSTINBURG 2 W MA	AX 5	5 4	.9 4		43	52	52	50	50	48	52	60	51	41	3.0		,	ε,	4.2														
MI	1N 4	1 2	9 3	0	33	40	55	45	43	43	38	37 58	34	32	3 8 3 2 3 7	41 30 43	41 33 40	51 40 50	63	60 40 63	52 23 50	52 23	52 34 48	61 35 58	58 31 55	35 20 36	25	31	58	34	45	49.8	
MI	1N 3	0 5	0 3	0	30	36	40	45 56	40	40	38	40	30 57	32	32	25	30	37 53	45	42 67	27	28	35	35	31	21	36 20 39	46 30 51	55 30 57	50 35	50 25 57	49.3 33.0 53.7	
EAGLES MERE MA	AX 5	7 3		3	29	29	39	47 51	45 49	45	39	38	30 52	31	34	31	29	34 43	59	60	26	26	38		35	24		34	27	50	27	33.9	
LAWRENCEVILLE 2 5 MA		2 4	6 4	5	54		54	45 52	50	52	38 61	55	30 45	40	28	27 43	50	32 63	42 66	40 58	32 53	31 53	40 63	61	29 47	19 38	17 46	27 58	34	36 51	25	33.0 51.6	
MONTROSE MA		2 3 5 4 0 3	9 4	2	41		52	42 51 45	51 43	46	36 46 39	40 55	53	42		32 42	39	45	60	62	21	47	48	59	57	18	35	41	52	3 9 5 2	27 52	35.7	
TOWANOA 1 ESE MA	AX 5	6 4	9 4	6	59		56	53 48	50 46	42 52 47	61 38	37 56 42	30 48 32	43	31 46 33	25 43 32	26 52 29	35 65 48	67 53	38 62 35	27 54 25	53 45	60 38	63	53 33	20 41 23	44	26 56 37	57	32 54	47	53.5	
	AX 5	1 4	7 4	2		51	52	50	48 41	45	49	59	51 32		36	42	38	46 37	60	62		48		57	55	34 19	36	46	28 54 33	45 48 34	27 58 24	36.9 48.1 33.2	
CENTRAL MOUNTAINS 07																										• /	- /		-			3362	
BELLEFONTE 4 S MA	AX 5	6 5 0 3										61 42	55 35	45 34	42 34		43 35	53 41	68 41	67 45						39 21		50 28	63 29	55 29	52 28	52.6 34.3	
OU BOIS 7 E MA	AX 4 IN 3								47 42	47 41	57 32	51 34	44 33	35 30	35 30	3 8 3 1	45 32	62 40	64 55	55 41		57 42			48	40		53	53 33		33	48.7	
	AX 5 IN 3	0 4 2 3						53 44		48 42	47 36	56 32	50 31	41 30	35 30	37 31	39 28	45 33	62 41	66 40	50 21	49					37 19	47 25	54 25	50 29	47 25	48.2 30.8	
MI	1N 3	2 2				55 22				51 43		61 34	55 26	43 32	40 30	41 34		51 26	6.0 3.6	67 43		52 22						50 22	56 26		47 28	51.4 30.2	
LOCK HAVEN MA	IN 3	4 2	9 3	0 2	23	25	34	42	44	45	36	60 36	59 29	45 34	42 34	44 35		53 33	60 43								43 18	42 25	-	55 29	29	53.3 32.2	
M1	1N 3	2 2	9 3	0   2	25	25	38	46	42			59 29		31	30	38 31	39 27	49 36	43	65 42		- 1	34	38				48 25	51 28		48 26	49.7 30.5	
	1N 3									48	57 32	50 30	38		35 31	37	47 31	63 47		50 26			55 32							48 32		47.4 32.8	

CONTINUEO		_							D	AI	LY	T	EM	IPE	:R/	TI	JR.	ES													PENN: NOVEM		VANTA 1963
Station															-		Of M	_															erage
RENOVO	MAX	54	51	3 44	4	58	57	53	55	53	10	61	61	13	14	42	45	52	59	69	59	57	53	63	60	42	26	50	28	29	50	31	53,2
RIOGWAY	MIN	35	33	34	28	28	41	47	46 51	47	42	43	41	36	36	37	33	34	44	47	28	28	41	41	36	24	23	28	31	31	32		35.
	MIN	30	32	31	28	35	41	52	44	48	36	32	32	33	36	33	29	3 3	37	37	22	25	35	38	32	19	19	28	26	29	57		32.
STATE COLLEGE	MIN	40	54 34	41 34	34	55 36	58 44	52 47	53 45	50 45	40	58 40	55 35	35	34	40 34	33	53 41	67 49	66 46	55 30	51 30	37	59 40	33	38 23	23	31	36	53 32	51 29		36.
SOUTH CENTRAL MOUNTAINS 08																																	
ALTOONA HORSESHOE CRVE	MAX	55 42	31	45 31	59 30	59 41	55 45	53 48	48	50 44	38	57 41	46 34	29	31	33	56 34	69 41	70 50	56 41	51 26	40	41	59 37	31	21	42 25	52 35	33	50 33	35 28		52. 35.
BURNT CABINS 2 NE	MAX	58 44	51 34	48 33	59 26	62 41	60 45	54	53 47	55 49	31	59 38	57 33	50	46 35	46 37	62 30	73 39	74 49	72 48	57 25	45	63 34	62 34	55 34		30	30	58 27	57 38	52 30		57. 36.
EBENSBURG	MAX							50 47	50 42	57 42	65 30	60 34	48 29	37 28	37 30	37 33	49 26	67 41	66 42	63	52 22	62 40	63 36	60 38	50 28	16	48 26	52 29	56 29	54 34	34 25		52. 32.
EVERETT 1 5W	MAX	54 45	49 34	50 31	56 27	59 33	58 42	52 44	48 43	56 38	51 31	62 32	5 9 3 3	24	42 34	44 35	60 32	70 34	71 40	72 46	57 25	53 34	61 37	56 34	27	41	42 26	66 28	59 30	48 30	39 24		54. 33.
HUNT INGOON	MAX MIN																																
JOHNSTOWN	MAX MIN	56 39	51 26	44 31	44 33	5 9 3 5	58 44	53 43	53 41	47	54 34	64 36	56 37	55 34	40 32	40 29	48 23	55 38	69 48	70 46	58 27	56 33	68 38	69 32	58 32	44 28	43 31	50 32	58 32	55 33	49 29		54. 34.
KFGG	XAM NIM	58 40	42 32	46 33	61 28	60 41	52 46	53 48	55 46	57 37	65 32	56 32	42 27	46 24	43 33	41 36	57 38	71 47	71 45	58 32	54 25	64 42	66 39	64 38	41 32	48	53 25	56 37	56 28	52 33	35 28		54. 34.
MARTINSBURG FAA AP	MAX MIM	55 41	41 32	44 33	56 35	60 42	49 45	51 46	49 45	50 39	61	55 38	41 33	40	41 33	40 34	56 39	70 48	67 50	54 35	51 30	64	64	60 38	38 32	41 25	50 30	55 40	56 30	51 35	35 27		51. 36.
SOUTHWEST PLATEAU 09																																	
BAKERSTOWN 3 WNW	MAX MIN	52 42	42	52 32	54 28	60	57 50	51	46 45	59 45	63	5 8 3 3	46 35	44	41	47 37	57 32	67 45	69 54	54 42	60 32	66 50	66	61	40	42	53 28	60 42	58 32	53 32	37		53.
BLAIRSVILLE 6 ENE	MAX	50	39	39	52	55 45	50	48	43	49	58	51 37	40	37	37	37	45	65	65 47	50	52 37	59	64	55 36	36 28	38	47	51 41	55 30	50	30		48.
BURGETTSTOWN 2 W	MAX	55	51	41	48	56 28	55	56	50	47	60	63	53	42	37	42	48	53	68	68	55 23	63	66	67	56	40	43	52	57	56	42		53.
BUTLER	MAX	50	48	27	46	54	56 48	54	50	49		59	51 35	41 30	38	40	42	40	65	67	55	60	63	65	55	16	41	50		57	42		51. 33.
CLAYSVILLE 3 W	MAX	58	43	50	58	58	56	55	50	62	65	56	44	42	41	46	51	70	70	57	64	69	66	65	41	44	52	56	58	47	34		54.
CONFLUENCE- 1 SW OAM	MIN	57	55	37	19	56	51 57	53	50	57	58	64	26 55	42	40	38	43	54	51 69	68	54	55	65	64	61	39	47	49	53	57	27 48		53.
OONEGAL	M1N MAX	40	32	40	53	25 50	41 52	48	45	54	63	32 50	37	40	35	32	51	39 64	66	50	26 56	60	39 68	58	36	43	22	50	54	32 47	30		32.
OCNORA	MIN	35 58	27 45	26 52	58	34 59	48 52	51	40 51	33 63	65	28 61	50	44	28 43	29 47	53	70	72	65	65	38 70	68	33 66	26 48	16	26 52	35 57	60	27 58	22 37		31. 56.
FORO CITY 4 5 OAM	MIN	55	40 50	30 42	47	46 54	50 58	46 55	51	50	35 57	36 61	35 54	29	32 40	36 40	33	48 52	58	69	30 55	50 60	65	45 67	31 58	40	30	41 52	58	32 61	25 47		38.
INOIANA 3 SE	MIN	37 56	30 43	32 45	29	32 58	44 55	51	45	46 53	62	33 55	35 45	31	32	34	29 51	40 66	51 67	55	23 56	26	37 68	43 64	32 42	17	47	29 56	60	30 52	30		34. 52.
MARION CENTER 2 SE	MIN	43	30 39	30 42	51	38 55	49 52	50	44	40	32 58	34 52	30	30	33	30	24	42 63	49 65	35 52	55	40 61	36	60	32	16	28	33 53	28	33 50	29		34.
MONTGOMERY L ANO O	MIN	28	29	29	30	38 56	48	45	42 51	39 60	36	35	33	30	30	30	29	67	69	39	31	42 65	68	39	29	17	31	41 58	32 58	32	26 37		34.
	MIN	44	32	33	31	44	50	49	47	38	36	35	37	31	28	37	40	46	54	36	30	48	43	42	32	24	28	40	34	34	31		37. 53.
NFW CASTLE 1 N	MIN	50 41	30	32	29	43	57 48	56 47	45	42	35	30	35	32	32	35	32	45	51	40	26	50	36	40	31	18	23	40	29	32	29		35.
NEWELL	MAX	57 46		33	29	36	52	56	52 47	52 42	34	35	33	31	31	38	29	65	70 55	73	29	49	68	53	33	39	29	53 37	32	58 38	38 29		37.
NEW STANTON	MAX	59 39	32	48 28	26	43	57 50	56 46	52 39	59 39	33	56 39	31	32	38	28	26	70 48	65 46	45	29	67 41	40	38	25	18	55 28	30	35	28	35 29		34.
PITTSBURGH WB AP 2	MAX	53 34	41 28	47 29	55 27	55 42	54 50	50	47	59 40	61	53 35	33	36	30	32	31.	62 43	69 48	34	61 31	66 48	48	62 36	26	21	52 30	57 40	31	32	32 27		51. 35.
PITTSBURGH WB C1TY	MAX	58 40		49 34	57 37	59 49	56 52	52 49	49 46	61 45	63 40	56 43	45 39	34	45 35	48 38	54 39	68 54	69 51	57 39	63 34	68 49	67 49	63 38	33	28	54 34	59 47	55 35	54 33	36 29		54. 40.
PUTNEYVILLE 2 SE OAM	MAX MIN	51 37	49 30	38 31	45 29	52 31	55 42	53 49	50 44	54 44	51 33	58 35	54 34	41 32	36 31	39 31	30	49 39	65 47	66	55 26	56 33	62 37	66 46	56 32	38 18	41 19	50 31	55 31	58 35	46 28		51. 34.
SALINA 3 W	MAX HIR	56 43	43 27	46 31	53 31	57 42	56 50	51 47	48 45	56 44	61 32	56 31	46 35	41	41 33	43 35	51 32	67 48	68 52	54 43	59 26	65 47	66 39	62 42	43 32	42 18	49 29	55 39	59 30	54 31	34 25		52. 36.
5LIPPERY ROCK	MAX MIN	49 41	43 32	48 31	52 33	52 44	53 49	56 47	48 44	56 44	58 40	52 38	42 34	36 31	39 31	45 35	50 38	66 41	64 51	57 42	5 9 3 3	60 47	64	61 39	41 31	42	53 31	52 44	55 35	51 33	34 26		51. 37.
STOYSTOWN	MAX MIN	55 34	5 2 2 9	34 29	41	55 31	59 44	51 47	48 42	45 41	53 34	64 37	54 30	37 24	37 27	37 29	37 28	53 35	66 48	67 41	51 26	51 30	62 43	62 44	57 28	34 18	42 19	48 30	53 34		46 24		50. 32.
UNIONTOWN	MAX MIN	58 44	44 32	52 29	58 28	60 45	56 52	54 48	48 45	63 43	68	5 9 3 7	45 32	43	41 34	45 37	52 35	70 50	70 50	58 39	63 30	71 53	69 46	64 47	47 31	48 20	51 32	56 43	61	54 33	35 28		55. 37.
WAYNESBURG 1 E	XAM MIM	59	52 28	40	50 21	59 24	58 45	56 51	52 46	48 37	61		56	47 22	40 29	40 34	46 25	54 36	71 49	70 35	58 22	65 24	69	67 42	58 30	44	45 18	53 32	55 31	57 31	46 28		54.1
NORTHWEST PLATEAU 10			0																														

BRAOFORO FAA AIRPORT BRAOFORO 4 W RES

MAX 45 32 39 45 48 49 48 44 43 53 48 34 31 34 35 43 59 60 50 48 52 60 56 33 37 47 52 51 45 31 MIN 32 29 27 31 37 43 41 39 35 34 33 30 28 27 30 33 42 41 29 27 36 35 32 26 18 28 30 29 31 20 MAX 46 40 41 47 46 50 50 45 45 53 51 41 35 35 37 47 58 61 51 49 52 62 59 48 31 30 41 50 40 25 42 36 40 29 20 25 34 29 33 24

45.1 31.8

47.8 33.8

PENNSYLVANIA NOVEMBER 1963

Continued																															NOVEM	BER	1963
Station																Day	Of M	lonth															8
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
CLARION 3 5W	MAX	48 38	44	45 27	51 25	54 40	54 45	53 45	49	52 42	58 42	55 31	45	39 31	39	42	50 26	63	67	54 34	57	59	65	60	42	40	51	56 36	56 28	52 31	38		51.3
CLERMONT 4 NW	MAX	46	42	36 26	46	48	50 42	46	46 40	45 38	50 36	42 28	38	35	36 30	36 30	50	55 42	58 49	52 38	48	52 40	60	55 42	42 26	35	48	52 40	56 28	54 32			46.6
CONNEAUTVILLE	MAX M1N	50	51 32	46 33	50	54 41	50 43	55 48	49	49	57	57 30	57 33	37	41	43	46 32	54 42	64 52	63	56 26	58 42	55 36	66 50	54 32	38	43	57	58		39		51.4
CORRY	MAX	46	38	45	50	46 38	52 44	50	46 43	48 36	55 33	50 29	37 32	34	36 29	3 8 3 1	47	59 39	60	54	53 29	51 45	62	60	36	40	50	55 37	51	50	33		47.7
COUDERSPORT 3 NW	MAX MIN	46 35	35 27	3 9 2 7	46	49	50 42	48	44	45	55 32	50 30	40 32	33	35 29	36 30	44	56 39	61	49	50 19	52	58	57 35	38	37	45	53	47		32		45.8
DU BOIS FAA AIRPORT	MAX	47 35	36 29	39 29	48	53 40	51 45	49	46 43	47 40	56 33	49	38 32	33	35 29	3 8 3 2	46	61 46	66 45	51	50 27	56 40	63	58	34 26	39	48 28	53	55		31		47.4
EAST BRADY	MAX	50 43	46 32	48 34	54 27	56 42	53 48	54	50 46	55 46	60	56 34	48	40	43	45 37	53	67 41	70 49	55	61 28	64 45	66	63	48	47	55 26	60	61		38		54.1
ERIE W8 AIRPORT	MAX M1N	49 43	43 37	47 36	54 42	50 43	54 50	51 47	49 45	51 42	57 46	50 37	44	37	43 34	44 36	52 41	64	64	50 35	57 34	56 45	65 46	64 36	3 7 3 4	42	55 37	51	53		35		50.6
FARRELL SHARON	MAX MIN	52 41	46 36	47 36	54 38	53 48	55 52	53 48	50 48	60 48	56 44	56 40	44 38	40 36	44 36	51 39	56 42	66 48	64 53	61	62 34	60	63	62 41	45 33	49	59 36	62 46	54 35	51	37		53.7
FRANKL IN	MAX MIN	47 35	49 41	44	48	51 29	53 40	54 45	52 47	48 45	54 43	57 37	53 34	44	3 7 3 3	3 9 3 2	45 34	51 33	63 39	65 51	59 30	57 30	58	65 37	62 41	46 23	42 21	52	59 35	53	54		52.0
GREENV1LLE	MAX MIN	49 40	44 32	50 33	53	51 42	56 49	52 47	48 45	59 45	56 39	5 1 3 3	42 35	37	41 32	46 35	53 34	63	61 52	57 39	58 28	57 47	63 36	63 38	43	44	56 27	59 42	53		33		51.5
JAMESTOWN 2 NW	MAX MIN	48 39	49 31	43 32	49 30	52 34	49	55 48	49	48 43	59 38	57 29	50 32	40 32	38 27	40 32	46 32	54 41	63 51	60	55 26	58 36	56 38	63 48	56 31	41	42	55 34	57 30	52 35	37		50.7
CANE 1 NNE	MAX MIN	47 32	45 32	36 28	42	47 32	47 43	50 47	47 42	47 41	45 31	53 29	49 30	36 31	33 30	3 6 3 1	38	45 31	60 44	63	53 20	50 25	54 30	63 36	60 29	33	3 9 2 1	48	54 24	53	46		47.3 31.2
MEADVILLE 1 S	MAX	47 40	50 32	42 33	49	51 38	49 41	53 47	49	48 44	58 38	55 31	51 32	37 32	37 28	41 32	44 30	51 40	62 50	60 37	55 28	57 32	54 37	63 46	57 32	41	42	53 34	56 28	50 30	42 28		50.1
MERCER 2 NNE		48 41	43 29	47 30	53 31	52 37	54 42	52 47	48	54 43	56 35	51 32	41 34	36 32	40 31	45 34	51 32	62 51	60	59 38	57 34	61	62 36	60 38	48	42 18	53 23	55 42	56 31	50	32		50.9
TIONESTA 2 SE DAM	MAX MIN	48 34	46 33	3 9 3 2	45 27	48 32	48 41	53 46	49	47 43	57 36	54 35	52 35	3 9 3 3	36 30	38	42 28	48 35	62 42	63 41	54 27	54 28	57 44	64 39	57 32	36 21	42	51 28	56 28	52 32	46		49.4
TITUSVILLE WATER WORKS		48 36	42 31	46 31	49 26	50 38	53 45	52 46	48 43	52 38	55 34	49	43	35 31	39 27	42	48 26	60 33	62 49	55 35	55 27	55	64	61	39	42	54	55	52	51			49.7
MARREN		47 40	41 32	45 33	48	49 39	54 46	51 46	48 44	48 42	54 37	53 33	42 33	37	3 8 3 3	40 33	48 29	60 40	62 50	53 34		54 45	65 37	59 40	41	40 26	50	57 43	55 27	50	35		49.2

#### DAILY SOIL TEMPERATURES

								וע	711	- 1	2	711	- 1	بند	4TT	المنا		. 0	ILL	<u></u>													
																Day	of mo	nth															90
STATION AND DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELO RSCH LA8																																	
8 INCHES	MAX MIN	50 50	50 47	47 45	46 45	47 46	49 47	50 49	50 49	49 49	49 48	49 47	47 43	43 41	41 40	42 41	43 42	47 43	50 47	50 47	47 45	48 46	50 48	51 49	49	44		45 43	45 43				47.0 45.1
LANDISVILLE 2 NW	MA8	46	44	39	39	42	46	50	47	48	43	44	38	36	37	38	39	42	44	46	39	43	42	48	40	34	34	37	34	43	36		41.3
STATE COLLEGE 2																																	
2 INCHES	MAX MIN	51 48	48 41	46 38	51 38	53 45	52 50	54 50	51 48	52 47	54 46	5 2 46	48 42	46 42	44 41	43 40	46 39	54 45	56 50	53 45	49 39	51 46	53 45	54 48	48	45 36	43 36	47 39	48 39	49 44			49.5 43.0
4 INCHES	MAX.	51 49	49 44	46 41	49 40	52 46	52 50	53 51	51 49	52 48	53 47	52 48	48	47 44	44	44	46 40	52 45	54 49	52 47	48 42	50 46	51 45	53 50	50 42	43 38	43 38	46 40	46 40	48 45			49.0
8 INCHES	MAX MIN	53 51	51 49	49 46	49 45	51 48	52 51	53 52	52 51	52 50	52 50	52 50	50 48	48 47	47 46	46 45	46 43	50 46	52 50	52 50	50 46	50 47	50 47	52 50	51 45	45 43	44 42	46 42	46 43	48 47			49.5 47.1
12 INCHES	MAX	54 53	53 51	51 50	50 49	51 49	52 51	53 52	52 52	52 51	52 51	52 51	51 50	50 49	49 48	48 47	47 46	49 47	51 49	51 51	51 48	49 48	49 49	51 50	51 48	48 45	45 45	46 44	46 45	47 46			49.9 48.7
16 INCHES	MAX MIN	56 54	55 53	53 52	52 51	52 51	53 52	54 52	53 53	53 52	53 52	53 52	53 51	51 50	52 50	50 49	49 48	50 48	51 50	52 51	51 50	51 49	51 50	51 50	51 50	50 47	47 47	47 46	47 47	48 47			51.3 50.0
20 INCHES	MAX	56 55	55 54	54 53	53 52	53 52	53 53	54 53	54 53	53 53,	53 53	53 52	53 52	52 51	52 50	50 50	50 49	50 49	51 49	52 51	51 50	51 50	51 50	51 50	51 50	50 48	48 48	48 47	48 47	48 48			51.6 50.7

ERIE CO FIELD RSCH LAB - MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.

SLOPE OF GROUND: FLAT. SOIL TYPE: LAKE TERRACE CLASSIFIED AS CONDITON GRAVELLY LOAM. GROUND COVER. RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION: TAYLOR RECORDING THERMOMETER.

- SLOPE OF GROUND, GENTLE SLOPE TO THE WEST. SOIL TYPE, DUFFIELD CLAY LOAM, GROUND COVER, PERMANENT BLUEGRASS SOD WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES, INSTRUMENTATION, WESTON ELECTRIC SOIL THERMOMETER. LANDISVILLE 2 NW

STATE COLLEGE 2

- MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.
SLOPE OF GROUND, GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE: HAGERSTOWN SILT LOAM. GROUND COVER: KENTUCKY BLUEGRASS
KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION; COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING
POTENTIOMETER.

Station											,	,				Day	of m	onth								,					
Caton		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
POCONO MOUNTAINS 01	SNOWFALL																														0.
	SN ON GNO															7															1.
	SNOWFALL SN ON GNO			Ť											Ť	Ť															
	SNOWFALL SN ON GNO WTR EOUIV		0.1	Т											T	T									T						1.
EAST CENTRAL MOUNTAINS 02																															
	SNOWFALL SN ON GNO		Т																												1
SOUTHEASTERN PIEOMONT	WTR EOUIV																														
O3 ANCASTER 2 NE PMP STA	SNOWFALL SN ON GNO																														1
HILADELPHIA WB AP	SNOWFALL SN ON GNO																														1
READING WB CITY	SNOWFALL																														١,
LOWER SUSQUEHANNA 04	SN ON GNO																														
HANOVER	SNOWFALL																														:
HARRISBURG WB AP	SN ON GNO																													Т	
	SN ON GNO WTR EQUIV																														
SHIPPENSBURG	SNOWFALL SN ON GNO																														'
MIOOLE SUSQUEHANNA 05																															
ENGLISH CENTER	SNOWFALL SN ON GNO																														1.
TOWER CITY 2 E	SNOWFALL SN ON GNO																					,									1
VILLIAMSPORT W8 AP	SNOWFALL SN ON GNO WTR EOUIV		Ť			,									:										Т					1.0	0
UPPER SUSOUEHANNA 06																															
AUSTINBURG 2 W	SNOWFALL SN ON GNO													T		T															2
CANTON 1 NW	SNOWFALL SN ON GNO			1.0																											4
AWRENCEVILLE 2 5	SNOWFALL SN ON GNO																														3.
MONTROSE	SNOWFALL SN ON GNO			1.5	,										Т	0 · 1										T					1
TOWANOA 1 ESE	SNOWFALL			т .									Т																		1.
CENTRAL MOUNTAINS 07	SN ON GNO																														
DU 8015 7 E	SNOWFALL SN ON GNO		1.0	Ţ									т	т	т	Т									Т					1.0	1
MEOIX RUN	SNOWFALL		т	0.1	т								т			0 • 1															0
PHILIPSBURG FAA AP	SNOWFALL		0.4	0.1									Т	7	0.1	Т									Т					0.1	
SOUTH CENTRAL MOUNTAINS 08	SN ON GNO		T	T										T	T	T			1												
CARROLLTOWN 2 SSE	SNOWFALL SN ON GNO		Ţ	1.0	Т									1.0		1.0	Т														4
MARTINSBURG FAA AP	SNOWFALL SN ON GNO WTR EOUIV		0.7										т		Т															0.6	0
SOUTHWEST PLATEAU 09																															
FORD CITY 4 S DAM	SNOWFALL SN ON GNO			1.0 T																											2
GREENSBORO LOCK 7	SNOWFALL SN ON GNO																														3
INDIANA 3 SE	SNOWFALL			Ţ										т		т														Т	2
PITTSBURGH WB AP 2	SNOWFALL SN ON GNO		1.4	T									Т	т	т															4.0	0
SLIPPERY ROCK	WTR EOUIV			1.0																											
WAYNESBURG 1 E	SN ON GNO			1																											1
	SN ON GNO																														
NORTHWEST, PLATEAU 10 BRADFORD FAA AIRPORT	SNOWFALL SN ON GNO	Т	3.0	T 3	2	,			ee re			T	Ţ	1:0	Ţ		,							Т	т	Т				3.3	3

# SNOWFALL AND SNOW ON GROUND

PENNSYLVANIA

St																Day	oi n	onth													
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
BRADFORO 4 % RES	SNOWFALL SN ON GND		5.0	1.0	1																,									1.0	10.0 I1
CORRY	SNOWFALL SN ON GNO		3.0 I	Т									1.0	2.0	0.5															3.0	4.0
DU BOIS FAA AIRPORT	SNOWFALL SN ON GNO	T	I.4	0.4	1								Т	Т	T	T									Т					3.0	1.0
ERIE WB AlRPORT	SNOWFALL SN ON GNO WTR EQUIV	Ť	T	T								Т	0.4 T	5.5 I	ĭ															T	0.6
ALETON	SNOWFALL SN ON GND		Т												Т															Т	2.0
ANE I NNE	SNOWFALL SN ON GNO		3.0	2.0	2								Ť	T	Ť																6.0
EAOVILLE I S	SNOWFALL SN ON GNO		0.2	3.3	Т								Т	I.5	1.3	T										Т					3.6
TIONESTA 2 SE OAM	SNOWFALL SN ON GNO		T	2.0 I	T									T		T															2.0

# EVAPORATION AND WIND

Station																Day	of mo	nth															otal or .vg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	To A
NORTHWEST PLATEAU 10		1																															
KANE 1 NNE	EVAP WINO MAX	24 49	36 41	:	:	-	:	:	-	:	:	Ē	-	:	:	:	-	-	-	:	-	-	:	:	-	=	:	-	-	-	-		=
	MIN	35	36	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-

MAX AND MIN IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1 tOO AM EST	7.00 AM EST	1,00 PM EST	7,00 PM EST	Trace	.0109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN WB AIRPORT	WNW	21	11.7	38++	WNW	30	81	83	60	73	5	1	4	2	3	0	15	_	6.7
ERIE WB AIRPORT	SSW	14	17.9	37++	s	23	74	74	71	74	1	9	8	2	1	0	21	-	9.1
HARRISBURG WB AIRPORT	WNW	23	10.1	33	NE	7	75	78	56	66	5	4	3	1	3	0	16	47	7.2
PHILAOELPHIA W8 AIRPORT	WSW	15	10.3	32	W	30	80	81	60	72	3	2	3	2	3	0	13	55	6.9
PITTSBURGH W8 AIRPORT 2	WNW	13	10.5	30++	WNW	2	77	81	62	72	7	6	5	1	1	0	20	44	8.7
READING WB CITY	W#	-	12.6	43	W#	30	-	-	-	_	1	1	4	1	2	1	10	42	7.0
SCRANTON WB AIRPORT	SW	15	8.8	27	SE	23	75	79	66	71	10	4	2	. 3	0	1	20	37	B.4
WILLIAMSPORT WB AIRPORT	w	22	10.5	31++	5	23	75	78	60	66	. 8	5	2	1	1	1	18	-	8.6

<sup>\*</sup> TO 8 COMPASS POINTS ONLY

CHINA	K NO.	COLLEGE	IGE 1	TUDE	TUDE	NOIL	TI	ERVA ME A TABLE	ND	0.000	0.1.	NO.		MGE ‡	TUDE			RVAT E AN ABLES	D	
STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	SPECIAL OLE MOTTER	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	TEMP.	EVAP.	SPECIAL ORE WOTEN	OBSERVER
ACMETONIA LOCK 3 ALLENTOWN WB AP ALLENTOWN GAS CO ALTOOMA MORSESMEE ALVIN R BUSH DAM APOLLO 2 W ARENDTSVILLE AUSTINBURG 2 W BAKERSTOWN 5 WNW	0099 0106 0111 CURVE0134 0147 0204 0229 0313 0355	LEHIGH BLAIR CLINTON WESTMORELAND ADAMS TIOGA ALLEGHENY	9 9 6 16 7 15	40 35	79 49 76 55 75 26 75 28 76 29 77 56 79 36 77 18 77 32 79 59	748 1600 576 254 1500 950 1060 710 1590 1230	7A 6P	7A 41D 7A 6P 8A 7A 3P	с с с с	CORPS OF ENGINEERS CHARLES H. ALLEN U.S. WEATHER BUREAU LEHIGH VALLEY GAS DIV. ALTONA WATER BUR. ALVIN R BUSH DAM EUGENE R. YOUNG PA. STATE COL. EXP.STA. OTTO D. BACON PGH. CUT FLOWER CO.	LAKE MINISIN LAKEVILLE I NE LANCASTER 2 NE FILT PLANCASTER 2 NE FILT PLANCISVILLE 2 NU LANCISVILLE 2 NE LAWERCEVILLE 2 S LFRANOM 4 WHY LEBANOM 3 SW LEMIGHTON	4765 4778 E4853 4873 4893 4896	HAYNE LANCASTER LANCASTER LANCASTER	5 41 15 5 41 27 15 40 03 15 40 07 15 40 54 15 41 59 15 40 21 15 40 19 9 40 50	75 05 75 16 76 17 76 17 76 26 77 13 77 07 76 29 76 28 75 43	1360 1440 255 270 360 875 1000 590 490 580	8A 8 7A HI 6P 6 7A 7	A BA	H C G C H	MRS. IREME FOREMAN MRS. GLADYS REIMEKE LANCASTER WATER BUR. LANCASTER WATER BUR. PA. STATE COLLEGE PA. DEPT. OF WELFARE HARRY P. MOWLAND LEON MILLER THOMAS DOMMACHIE GOODWIN S. DEFRENN
BARNES BEAR CRFFK DAM BEAR GAP BEAVER FALLS BEAVERTOWN BECHTELSVILLE BELLEFONTE 4 S BERNE BERWICK BETHLEHEM	0455 0457 0475 0482 0488 0530	WARREN LUZERNE NORTHUMBLANO BEAVER SNYDER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON	9 15 2 15 14 16 14 15 9	41 40 41 07 40 50 40 46 40 45 40 22 40 51 40 31 41 04 40 37	79 02 75 44 76 30 80 19 77 11 75 38 77 47 76 00 76 15 75 25	1310 1505 900 760 590 400 1110 325 570 240	8A 8A 6P	7A 8A 8 3P 7A 7A 7A 6A 8 7A 6P 8A	A	CORPS OF ENGINEERS CHANGED TO 3018 B-1-63 ROARING CREEK WATER CO. HOWARD R. KEMP GUY F. RITTER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYD W. TRUMP BERNICK IND DEV ASSO IN CITY OF BETHLEHEM	LE ROY LEWISTOWN LOCK HAVEN LOCK HAVEN LOCK MAVEN 2 LONG POND 2 W LYNCH HADERA, MAMAFFEY MAPLE GLEN	4984 4992 5104 5109 5160 5275 5336 5342	BRADFORO MC KEAM MIFFLIN CLINTON CLINTON MONROE FOREST CLEARFIELD CLEARFIELD MONTGOMERY	15 41 41 1 41 50 6 40 55 16 41 09 16 41 08 9 41 05 1 41 36 16 40 50 16 40 53 5 40 11	76 43 78 39 77 35 77 20 77 27 75 30 79 05 78 26 78 44 75 11	1040 1740 480 640 630 1860 1295 1460 1280 380	7A 7 7A 7 7A 7		C H	LEAMON M. BAUMAN RUSSELL LINEMAN AMERICAN VISCOSE CO. ROBERT JOHNSTON HUGH F. PARKER THOMAS MECKES CORPS OF ENGINEERS MRS. JULIA J. SMOFF MISS ELLEN J. MILES FRANCES E. SCMEIBNER
#BETHLEHEM LEHIGH BLAIN BLAINSVILLE 6 ENE BLAKESLEF CORNERS BLOSERVILLE 1 N BOSWELL 1 SW BRADOOCK LOCK 2 BRADFORO FAA AIRP! BRADFORD CHITLE II BRAOFORD W RES	0725 0756 0743 0763 0821	CUMBERLAND SOMERSET ALLEGHENY	15 4 9 15 1 10 1	40 36 40 20 40 27 41 06 40 16 40 09 40 24 41 48 41 57 41 57	75 22 77 31 79 09 75 36 77 22 79 02 79 52 78 58 78 39 78 44	364 750 2048 1650 650 1810 725 2121 1500 1680	BA BA	8P 8A 7A 7A 8A 8A 5P	с с н н	LEHIGH UNIVERSITY PA. DEPT. FRST. + WTRS. U.S. MEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLDERS MRS. EMMA SHAULIS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPT. BRAOFORD WATER DEPT.	MAPLETON DEPOT  MARGUS HOOK  MARIENVILLE  MARION CENTER 2 SE  MATINSESUAG FAA AP  MATAMORAS  MC CONNELLSBURG  MC KEESRORT  MEADOW RUN PONOS  MEADVILLE I S	5390 5400 5408 5454 5470 5526 5573	HUNTINGDON DELAMARE FOREST INDIANA BLAIR PIKE FULTON ALUEGHENY LUZERNE CRAWFDRO	6 40 24 5 39 49 1 41 28 1 40 45 6 40 18 5 41 22 12 39 56 10 40 21 15 41 13 1 41 38	77 58 75 25 79 07 79 02 78 19 74 42 78 00 79 52 75 40 80 10	1730	MIO MI 2 6P 7 MIO MI 7A 9	D 4 00 4 4	K H H	MRS. 1. S. BUCHAMAN SUM OIL CO. WILLIS N.SPEIRE CORPS OF EMGINERS FED. AVIATION AGENCY HARRY BISLAND DAVID W SHIVES JR U S CORPORATION GEORGE PEARAGE CITY OF MEADVILLE
BREZZEWOOD BRUCETION 1 S BUCKSTOWN 1 SE BUFFALO MILLS BURRETISTOWN 2 W BURNT CABINS 2 NE WBUTLER BUTLER SUBSTATION CAMP KLINE CANTON 1 NW	1033 1073 1087 1105 1115 1130 1135 1203	BEOFORD ALLEGHENY SOMERSET BEOFORD WASHINGTON HUNTINGDON BUTLER LYCOMING BRADFORD	10 4 6 11 6 2 2 16 15	41 AO	78 14 79 59 78 50 78 39 80 26 77 52 79 34 79 53 77 17 76 52	1352 1065 2460 1318 980 990 1100 1140 590 1520	7 A 5 P	91D 74 8A 7A 5P 8A 7A 7A	Сн	PA. TURNPIRE COMM. U.S. BUREAU OF MINES ALVIN W. MANGES CLIFFORD C. ADAMS SMITH TWP. MUN. AUTH. PA. TURNPIRE COMM. WALLACE A LOZA WEST PENN POWER CO. LESLIE O. DOWLING MRS.MILDRED SPENCER	MEDIX RUN MERCER COUNTY HOME HERCER HIWAY SHED MERCERSBURG MERWINSBURG MEYERSDALE I W MILAN 2 N MILANVILLE MILLERSBURG 2 E MILLERSBURG 2 E MILLERSBURG 2 E	5662 5676 5686 5731 5758 5775	MERCER MERCER FRANKLIN MONROE SOMERSET BRADFORD	16 41 17 2 41 15 2 41 14 12 39 49 9 40 58 17 39 45 15 41 56 5 41 40 15 40 32 15 40 53	78 24 80 15 80 15 77 54 75 28 79 02 76 31 75 04 76 56 77 29	1100 1230 1250 615 985 1960 770 760 560 1079	8A 8 9 7A 7	IA IA	с н с с	MRS.E. M. SNYDER (CARL KANE PA. DERT. HIGHMAYS MRS. ROBERTA C GILBERT ARTHUR A. SMITH E I C SNYDER RICHARO GLOSENGER CHARLES W. DAVIS RUSSELL SHEPLEY NEVIN E. BOWERSOK
CARLISLF  CARROLLTOWN 2 SSE CARTER CAMP 2 W CEOAR RUN CHADDS FORD CHAMBERSBURG 1 ESI CHARLEROI CHARLEROI CLARENCE CLARION 3 SW	1255 1262 1301 1342 1354 1372 1377	DELAWARE	16 16 16 5 12 10 10	40 13 40 35 41 37 41 31 39 52 39 56 40 08 40 09 41 03 41 12	77 12 78 42 77 45 77 27 75 37 77 58 79 55 79 54 77 56 79 26	465 2040 2030 800 170 640 1040 749 1390 1114	9P	6P 8A 7A 7A 7A 9P 7A 7A	C C C C	CARPOLL G. MILLER ROBERT F. MAURER RICHARD L. MERKER RESEARCH T. KREIGHBAUM E. EARL TOUCHTON CHARLES A. BENDER WEST PERN POWER CO. CORPS OF ENGINEERS MRS SUSAN VERBITSKEY PA. ELECTRIC CO.	MILLVILLE 2 SW MILROY MONTGOMEPY LOCK AND DA MONTROSE MORGANTOWN MT GRETNA 2 SE MOUNT UNION 1 N MURRYSVILLE MYERSTOWN NATRONA LOCK 6	5825 M5902 5915 5956 6028 6067 6111 6126	SUSCUEHANNA	15 41 06 6 40 43 11 40 39 15 41 50 15 40 09 15 40 14 6 40 24 10 40 26 14 40 22 1 40 37	76 54 77 35 80 23 75 52 75 54 76 26 77 53 79 42 76 18 79 43	860 770 692 1560 595 670 820 900 480 800	5P 7 7A 7 MIO MI MIO MI	A A	с с н с	KENNETH LEIGHOW THOMAS C. HABBESOM CORPS OF EMGINEERS RALPH TAYLOR PA. TURNPIKE COMM. PA. TURNPIKE COMM. MT. UNION MATER WORKS DAVIO C. SHAW MR.S.KATHLEEN MANDELL CORPS OF ENGINEERS
CLAUSSVILLE CLAYSVILLE 3 W CLEARFIFLD CLERMONT CLERMONT 4 NW COATESVILLE 1 SW CONFLUENCE 1 SW CONFLUENCE 1 NW	1512 1519 1529 1534 1569 1705 1710 1720	LEHIGH MASHINGTON CLEARFIELO MC KEAN MC KEAN MC KEAN SOMERSET FAVETTE CRAWFORD FAYETTE	11 16 1 1 5 17 17	40 37 40 D7 41 D1 41 41 41 44 39 58 39 48 39 50 41 45 40 01	75 39 80 28 78 26 78 30 78 32 75 50 79 22 79 22 60 22 79 36	670 1000 1100 2104 1620 542 1490 1531 1000 870	7P 5P 8A 8A	8A 7A 7A 8A 8A 8A 8A 8A 8A 8A 8A	c c AC	WILLIAM J. DOTTERER MFGRS. L. O M. CO. IRA TATUOR MRS. TILLIE M. SIMONOS MRS. TILLIE M. SIMONOS PHILA. ELECTRIC CO. CORPS OF ENGINEERS JOHN L. REID S. CARLYLE SHELDON MARSHALL B. MENEFEE	NEFFS MILLS 3 NF MESHAMINY FALLS NEW CASTLE 1 N NEWELL NEW PARK NEW PORT NEM STANTON NEW TRI ROLI NORRISTOWN NORTH EAST 2 SE	6194 6233 6246 6289 6297 6310	LAWRENCE FAYETTE YORK PERRY WESTMORELAND LENIGH MONTGOMERY	6 40 40 5 40 D9 2 41 01 10 40 05 15 39 44 6 40 29 10 40 13 14 40 41 14 40 07 8 42 I2	77 55 74 57 80 22 79 54 76 3D 77 08 79 36 75 45 75 21 79 49	980 570	7A 7 HIO HI 6 HIO 8	A M	с н	RA. STATE UNIVERSITY PHILA. SUB. MATER. CO. LEWIS W. MAHILTON GEMERAL CHEMICAL CO. CLINTON J. ALLEN MRS. FRAMCES K. FRY RA. TURRPIKE COMM. FORD C. OSWALD BORDUSH OF NORRISTOWN ELLSWORTH WEAVEP
CONNFLLSVILLE 2 E CONSHONOCKFN CONSSBURG CORADPOLIS NEVILLI CORRY COUDERSPORT 3 NW COUDERSPORT 6 E COVINGTON 2 WSW CREEKSIDE CREESSON 2 SE	1757 1749 1773 1790 1806 1809 1833 1681	FAYETTE MONTGDMERY CLARION ALLEGHENY ERIE POTTER POTTER TIGGA INGIANA CAMBRIA	5 1 11 1 1 16 15	40 D1 40 D4 41 Z0 40 50 41 55 41 49 41 46 41 44 40 41 40 27	79 33 75 19 79 13 80 05 79 59 76 03 41 47 77 07 79 12 78 34	1500 70 1180 720 1440 2020 2533 1745 1030 2540	6P 7P	8A 8A 6P 8A 7A 7A 6A 7A	С	HARRY C. JOY PHILA. ELECTRIC CO. PA. DEPT. FRST. * WIRS. SHENANGO, INC. RICHARD T. HOUNTAIN HISS ELIZABETH NEFF FERD IRISH CALVIN R. PACKARD MRS, MELVIN P.THOMAS FRED A. PLEMPEL	NORTH PHILADELPHIA API ORNELL 2 NM PALM PALMERTON PARKER 1 F PAUPACK 2 MNW WRHIL DREXFL INST OF TE PHILADELRHIA MB AP AWHILADELRHIA WB APEREL	6622 6681 6689 6721 6724 6762 6869	BRADFORD MONTGOMERY CAPBON ARMSTRONG CLARION PIKE PHILADELPHIA PHILADELPHIA	5 40 05 15 41 55 14 40 26 9 40 48 1 41 05 1 41 06 5 41 24 14 39 57 5 39 53 5 39 55	75 01 76 16 75 52 75 37 79 41 79 4D 75 14 75 11 75 15 75 12	1140 1100 1360 30 7	MIO WI	A ID	C H7	AIRPORT GUARDS ELWER T. MODRE MYS HELEN ESCHBACH NEW JERSEY 210 COL LOUIS A. MALARKEY R. M. MFELY MISS L. VETTERLEIN FRAMCIS K. DAYIS. JR. U.S. WEATHER BUREAU CLOSEO 6-30-63
DANVILLE DEVAULT 1 W DINGMANS EERRY DIKON DONEGAL DONORA DOYLESTOWN DRIFTWOOD DU BOIS EAA AIRPOI DU BOIS 7 E	2116 2160 2171 2163 2190 2221 2245 87 2260	MONTOUR CHESTER PIKE WYOMING WESTMORELANO WASHINGTON BUCKS CAMERON LEFFERSON CLEARFIELD	14 5 15 17 10 5 16	40 58 40 D5 41 13 41 32 40 07 40 10 40 18 41 20 41 11 41 06	76 37 75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 08 78 54 76 38	430 750 1746 900 358 880	MID F	7A 410 5P 5P 9P	Сн	MRS. MARIE H. LIITLE PA. TURNPIRE COMM. THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIRE COMM, IHEODORE F. MATHUES KARL W HISTAND SIDMEY KENNEDY FED AVIATION AGENCY CITY OF DU BOIS	RHILIRSBIRG EAA AR PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 RRITSBURGH WB CITY PLEASAMT MOUNT 1 W PORT CLINTON POTTSVILLE PUNKSUTAWEY PUTMEYVILLE 2 SE DAM	6927 6939 6993 6997 7029 7116 7161	CENTRE CMESTER LUZERNE ALLEGMENY AALLEGMENY MAYNE SCMUYLK!LL JEFFERSON ARMSTRONG	6 40 54 14 40 D7 15 41 18 11 40 30 11 40 27 5 41 44 14 40 35 14 40 42 1 40 57 1 40 55	78 05 75 30 76 08 80 13 80 00 75 27 76 02 76 11 79 00 79 17	105 1320 1137 749	MID MI MID MI BA B 7A 7	I O I A I D I O I A I A	C H J	EEO. AVIATION AGENCY PHILA. SUB, MATER COMM. HARRY SHELDON U.S. MEATHER BUREAU U.S. MEATHER BUREAU HILLIAM POLIVKA MRS. AOA E. RARICK LLOYD E. MELLER CARL E. ROTOL CORS OF ROLINERS
DUNLO OUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG EDINBORO  EMPORIUM 1 N ENGLISH CENTER EPHRATA	2325 2343 2363 2466 2514 2635 2644	CAMBRIA SULLIVAN SULLIVAN CLARION CAMBRIA ERIE CAMERON LYCOMING LANCASTER	16 16 1 4 1 16 16	40 17 41 29 41 24 40 59 40 29 41 52 41 32 41 26 40 10	76 43 76 25 76 35 79 37 78 43 80 08 76 14 77 17 76 10	2410 1910 2020 820 2090 1220 1560 880 485	7A 5P 7P 8A 7A 6A	8A 7A 5P 7A 8A 8A	A H	MRS. D. L. WHITE ROBERT JOBERT PRANCIS B. MANALEY PRANCIS B. MANALEY ROBERT A. WASSER EDINBORO ST. TCHR. COL. MRS. TALLIE M. BRITTON MILLIAM SUDERS STANLEY L. VON NEIDA	OUAKERTOWN 1 E RAYMONO MERADING MB C17Y RENOVO RENOVO 5 S REW RICES LANDING L 6 RIDGMAY ROCHESTER 1 N RUSHVILLE	7318 7409 7410 7425 7443 7477 7540	POTTER BERKS CLINTON CLINTON MC KEAN SREENE	5 40 26 13 41 52 14 40 20 16 41 20 16 41 14 1 41 54 10 39 57 1 41 25 2 40 43 15 41 47	75 2D 77 52 75 58 77 49 77 46 78 32 80 DD 78 45 60 18 76 07	49D 222D 266 66D 2039 2250 775 1360 900 870	8A 8	A ID IA IA IA	C C H7	OENNIS K. FLUCK MMS. RACMEL LANGAN V.S. MEATHER BUREAU ELMER G. BATSCHELET COMALD TRACEY CORPS OF ENGINEERS BOROUGH OE RIDGWAY OEOUESNE LIGHT CO. CARL KOPATZ
EOUINUNK 2 ERIE CO FIELD RSCI ERIE WB AIRPORT EVERETT 1 SW FARRELL SHARON FORD CITY 4 S DAM FRANKLIN FREELAND GALETON GEIGERTONN	4 LAB 2673 2662 2721 2614 2942 3028 3056 3130	BEDFORD MERCER	6 6 2 1 1, 15 16	41 51 42 14 42 05 40 0D 41 14 40 43 41 23 41 01 41 44 40 13	75 13 79 51 80 11 76 23 80 30 79 30 79 49 75 54 77 38 75 50	1010 855 950	84	8A 7P	G C H C H AC H C	MRS. H. C. FLYNN FIELD RESEARCH LAB. JUS. WEATHER BUREAU PA. TURNPIKE COMM. SHABON STEEL COMP. CORPS OF ENGINEERS RICHARD A BEITH ANDREW B. EVANSHA STANLEY G. LUSH WALTER C. WOLF	RUSSELL SAFE MARBOR SAGAMORP 1 S SALINA 3 W SAETON SCANDIA 1 E SCHEMLEY LOCK 5 #SCRANTON W SCRANTON W SCRANTON W SCLERSVILLE 2 NW	7732 1 7739 7782 1 7846 1 7855 1 7863 1	WARREN LANCASTER INDIANA WESTMORELAND BEDFORD WARREN WARMSTRONG LACKAMANNA LUZERME BUCKS	1 41 56 15 39 55 1 40 46 7 40 31 6 40 12 1 41 55 1 40 41 15 41 25 15 41 20 5 40 23	79 08 76 23 79 14 79 53 78 15 79 02 79 4D 75 4D 75 4A 75 20	1230 270 1320 1109 780 2100 783 746 940 530	6P 6	A R A R	C H7	MIKE L. FERRIE S.W. MATER POMER CORP. MRS, JOHN M. FLEMING MUM. AUTH. MSTMRLD. CO. MRS. ALVERTA L. MQLMES CLARE E WIMERITE. CORPS OF ENGINEERS U.S. ROST OFFICE U.S. MEATHER BUNEAU SELLERSYLLE MATER CO.
GEORGE SCHOOL MGETTYSBURG GETTYSBURG IS GLENCOE GLEN HAZEL Z NE D. GLENHOORF GLEN ROCK GLENWILLARD DASH I GOULDSBORO GRATERFORD	3218 3223 3298 AM 3511 3321 3330 DAM 3343	BUCKS ADAMS ADAMS SOMERSET ELK CHESTER YORK ALLEGHENY WAYNE MONTGOMERY	12 12 12 1 5 15 11	40 13 39 50 39 48 39 49 41 34 40 06 39 48 40 33 41 15 40 14	74 56 77 14 77 14 78 51 78 36 75 47 76 44 60 13 75 27 75 27	135 540 530 1620 1725 440 620 705 1890 155	8A 9A	8A 9A 8A 7A 7A 7A	H 0000	GEORGE M. HART HUGH C. MC ILHENNY NATIONAL MILITARY PARK MRS. MARY M. HARTMAN CORPS OF EMGINEERS JOHN J. SHRAOER MRS. E. C. MC WILLIAMS CORNS OF ENGINEERS OANA L. SMAY GEORGE S. MANN, SR,	SHADE GAR 2 NF SHAMMXIM SHEFFIFLD 5 W SHIPPEMSRUNG SINNEMAHONING SLIPPER PROCK SMETHPORT HIGHWAY SHED SOMERSET FAIRVIEW ST SOUTH CANAMAI NE	7978 1 8026 1 8073 8 8145 1 6164 8	SOMERSET	6 40 12 15 40 48 1 41 42 15 40 03 16 41 19 2 41 04 1 41 48 17 40 01 5 41 31	77 52 76 33 79 08 77 32 78 05 60 03 78 27 79 05 75 24	920 770 1920 709 790 1345 1510 2140 1400	4R 47	R A	с с н с	MRS. HELEN H. PYLE ROARING CREEK MATER CO. MILBUR R. NORDIN KEITH B. ALLEN MRS. FRANCES CALOMFLL RAMOND E. MILLER PA. DERT. HIGHWAYS HOWARD G. PECK EUGERE M. COOK
GRATERFORD 1 E GREENSBURG 2 E GREENVILLE HANOVER HARRISBURG WB AP HAVLEY HAVLEY J S OAH HOLLIDAYSBURG HOLLISTERVILLE	3503 3515 3526 3662 3699 3758 3761	MONTGOMERY GREENE WESTMORELAND MERCER YORK YORK WAYNE BLAIR WAYNE	10 10 2 15 15 5 6	40 14 39 47 40 18 41 24 39 48 40 13 41 29 41 28 40 26 41 23	75 26 79 55 79 31 80 23 76 59 76 51 75 10 79 11 78 24 75 26	240 808 1225 980 600 335 880 1200 960 1360	6P 8A MID P	6A 7A 6P 8A 41D 7A	C H C C C	STATE CORRECTIONAL INST CORPS OF ENGINEERS PA. DEPT. NIGHWAYS C. EARL MILLER MAMOVER EVENING SUN U.S. WEATHER BURFAU MRS. KATHER BURFAU MRS. KATHER INE BATES PA. DOWER + LIGHT CO. JOHN M. RINGLER PA. DOWER + LIGHT CO.	SOUTH MOUNTAIN SPRING GROVE **STATE COLLEGE STATE COLLEGE STATE COLLEGE STILLWATER DAM STOYSTOWN STROUSSTOWN STROUGSTOWN STROUGSBURG STUMP CREEK	8379 8449 8452 8491 8560 8570 8589 8596	CENTRE CENTRE SUSCUENANNA SOMERSET	12 39 51 15 39 52 16 40 46 16 40 48 15 41 41 4 40 06 14 40 29 4 40 33 5 40 59 1 41 01	77 3D 76 52 77 52 77 52 75 29 78 57 76 11 78 55 75 12 78 5D	1520 470 1175 1180 1645 1800 600 1860 480 1320	7A 7	PA BA	c c c c c c c c c c c c c c c c c c c	PA. GERT. OF HEALTH R. M. GLATFELTER CO. PA. STATE UNIVERSITY PA. STATE UNIVERSITY PA. STATE UNIVERSITY PA. STATE UNIVERSITY CAPS OF ENGINEERS VERNOM MONG JACOB KLANR HARRY F. BEMMETT MILLIAM MAGERTY HARRY M. TRAVIS
#HOLTWOOD HOME HOMESDALE 4 NW HOMESDALE 6 NNW HOMES BOTTOM 2 SE HUNTINGON HUNTSDALE HYNDMAN INDIANA 3 SE	4027 4043 4044 4047 4066 4159 4166 4190	LANCASTER INDIANA WAYNE WAYNE CMESTER SUSOUEMANNA HUNTINGDON CUMBERLAND BEDFORD INDIANA	1 5 5 15 6 15 12	39 50 40 45 41 37 40 06 41 43 40 06 39 49 40 36	76 20 79 06 75 19 75 17 75 56 75 43 78 01 77 18 78 44 79 D7	187 1220 1410 1050 700 900 670 610 960 1102	7A 7P	8A 9A 7A 7A 8A 7A	с н с с	PA. POWER + LIGHT CO. MRS. EDNA M. BUSH GEORGE C. WILLIAMS FRIENO E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIENGER METRO P. DOROSH DONALD LEHMAN CLYMER WATER SVC. CO.	SUNBURY SUSQUEHANNA TAMADUA A N DAM TIONESTA 2 SE DAM TITUSVILLE TITUSVILLE WATER WORKS 708 YHANNA TORPEDO 4 W TOWANDA 1 ESE	8692 8758 8763 8873 8885 8885	NORTHUMBLAND SUSQUEHANNA SCHUYLKILL SCHUYLKILL FOREST CRAWFORD RAWFORD WONROE WARREN BRADFORD	15 40 52 15 41 57 14 40 48 16 40 51 1 41 29 1 41 38 1 41 38 1 41 38 5 41 11 1 41 47 15 41 45	76 47 75 36 75 58 75 59 79 26 79 40 79 42 75 25 79 32 76 25	480 1020 830 1120 1200 1550 1220 1950 1735 745	8A 8 7P 7 5P 9	A A A A A A A A A A A A A A A A A A A	C H C H	CHARLES M. BAYLER MRS. LAURA A. BENSON MRS. MARY L. ROBERTS PANTHER VALLEY MTR. CO- CORS OF ENGINEERS PA. ELECTRIC CO. CITY OF ITUSVILLE MRS. JULIA GRADY MRS. LILY B. GARBER LEVERN ROOT
JACKSON SUMMIT JAMESTOWN 2 NW JERSEY SHORE JOHNSTOWN JOHNSTOWN 2 KARE 1 NNE KARTHAUS KEGG KITTANNING LOCK 7 KRESGEVILLE 3 W	4325 4363 4385 4390 4432 450 4481 611	TIOGA CRAWFORD LYCOMING CAMBRIA CAMBRIA MC KEAN CLEARFIELD BEOFORD ARMSTRONG CARBON	16 4 1 16 6	A1 50 41 12 40 20 40 19 41 41	77 01 80 28 77 15 76 55 78 95 78 48 78 07 78 43 79 32 75 34	1690 1050 541 1214 1275 1750 960 1280 79	9A 8A 7A	8A 8 7A 9A 8A 7A 91D VAR 7A	C H	ARCHIE LAIM PAS DEPTS FRSTS + WTRSS GEORGE RS WADCELL JOHNSTOWN TRIBUNE CITY OF JOHNSTOWN RUDOLPH AS AMDERSON ROBERT K BRACCORD PAS TURNPIEC COMMS COMPS OF ENGINEERS CITY OF BETMLEMEN	TOWER CITY 2 E TROY TUNNELTON TUNNELTON TUNNELTON TUNNELTON TON CITY FILT PLANT UNIONION VANDERSRIFT VIRGINVILLE WARREN	8959 8989 9002 9024 9042 9050 9128 9196	FAYETTE WESTMORELAND	15 40 35 15 41 47 4 40 27 1 41 54 6 40 43 1 41 55 10 39 54 7 40 36 14 40 31 1 41 51	76 31 76 47 79 23 78 16 78 12 79 48 79 33 75 52 79 08	835 1100 890 1640 1020 1400 1040 800 350 1280	7 7 7 7 6P 6P 7	A	C H	MRS LILLIAN S BOWNAM JENNIE LAP BALLARD MRS, MRST E WEIMER BEFORT S. 77 FLIT PREDERICK L. FRIDAY HAROLO HAMMOMD MARSTELLER UNITED ERGG. = FNORY-CO MRS, MARY M. MRIGHT GILBERT H. REIER

									1963
STATION	COUNTY	DRAINAGE 1 LATITUDE LONGITUDE	OBSERVATION TIME AND TABLES EAVE EVEN	OBSERVER	STATION	ED COUNTY	DRAINAGE 1 LATITUDE LONGITUDE	PRECIAL SPECIA	OBSERVER
WASHI NOTON WATSONTON WAYNESSUNG 1 E WEGSTER MILLS 3 SW WELLSAONO 3 S WEST CHESTER WEST GROVE 1 SE WEST MICKORY WHITESSUNG WILKES-BARRE	9312 WASHINGTON 93A3 NORTHUMBLAND 93A5 REFER 93A0 PULTON 9AAA CHESTER 9303 CHESTER 9307 FOREST 93A93 CUZERNE	11 a0 11 a0 12 18 a1 05 76 5 10 39 5A 60 11 12 39 a9 78 0 16 A1 A3 77 16 3 39 58 75 33 5 39 a8 75 A1 1 A1 34 79 26 1 A2 44 79 26 15 41 55 75 56	9 490 9 9P 940 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A	PA. CEPT. HIGHWAYS WILLIAM BIRO BOROUGH OF WAYNESBURG HRS. OOPA I. LYNCH HARION L. SMUMWAY OALLY LOCAL NEWS CONARO-PUTE CO. HRS. HELEN F. SINNEAR HRS. TALMAGE MILLER HRS. MARY G. MIRMAK	WILLIAMSOURG WILLIAMSPORT WB AP WIND OAP MOLFSBURG YORK 5 SSW PUMP STA YORK 2 S FILTER PLANT YORK MAYEN YOUNGSVILLE ZION GROVE ZIOMSVILLE 3 SF	971A BLAIR 972E LYCOMING 973E LYCOMING 973E NORTHAMPTON 9023 BEOFORD 9935 YORK 9930 YORK 9066 WARREN 9090 SEMUYLKILL 9095 LEMIGH	6 40 27 76 12 16 41 19 76 99 3 40 51 75 18 6 A0 03 78 32 15 39 59 76 45 15 40 07 78 49 1 14 15 1 79 19 15 A0 54 76 13 14 40 28 75 27	527 MID MID K MJ 765 K 1190 7A 390 5P 5P 6407 310 8A 1225 40 7A 74	OBERT GUNNETT U.S. WFATMER BUREAU MOS, MAOY D, MOFLEE WALTEO C. OICE YORK WAFER COMPANY YORK WAFER COMPANY METROPOLITAIN EDISON CO. MENRY CAULTIT JAMES O TETER LESLIE MOWATT
					NEW STATIONS AUSTIN OERRY FRANCIS E WALTER DAM	0310 POTTER 2108 WESTMORELAND 3018 LUZERNE	16 41 38 78 09 4 40 20 79 18 9 41 07 75 44	1130 6P 6P	MRS BETTY HOREAN MISS N DIXTE WIMEMAN CORPS OF ENGINEERS

1. ALLEGENY 2. BHAVER 3. CONEMUNG 4. CONEMUUCH 5. DELAWARE 6. JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9. LEHIGH 10. MONONGAHELA 11. OHIO 12. POTOMAC 13. LAKE ONTARIO 14. SCHUYLKILL 15. SUSQUEBRANCH 16. WEST BRANCH 17. YOUGHIGGENY

#### REFERENCE NOTES

Additional information regarding the climate of Pannsylvania may be obtained by writing to the State Climatologiet at Weather Bureau Airport Station, Harrisburg State Airport, New Cumberland, Pennsylvania, or to any Weather Bureau Office near you

Figures and lettere following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and ceasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried with the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue

Divisions as used in "Climatological Data" Table and on the maps, became effective with data for September 1956,

Unless otherwise indicated, discussional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches and wind novement in miles. Monthly degree day totals are the eums of the negative departures of average daily temperatures from 65° F are

Desporation is measured in the standard Weather Bureau type pan of 4 foot disaster unless shown by footnote following the "Evaporation and Wind" Table. Wax and Win in "Evaporation and Wind" Table are recorded during 24 hours of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremee Table": "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 bours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observatione on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

- In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. 6 "Soil Temperature" Table.

  8 "Snowfall and Snow on Ground" Table. Omiesion of data in any month indicates no snowfall and/or snow on ground in that month.

  9 "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

- OTHER REPERINCE NOTES

  No record in the "Climatological Data" Table and the "Dmily Temperature" Table is indicated by no surry.
  Interpolated values for soubly precipitation totals may be found in the annual issue of this publication.
  No record in the Supplemental Data" Table, "Dmily Precipitation" Table; "Dmily Precipitation and Wind" Table, "Dmily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
  And also on an earlier date or dates.
  + Pastest observed one sinute eind speed. This station is not equipped with automatic wind instruments.
   Assount included in following seasurement, time distribution without.

  On the roof of a building.
  (Sage is equipped with a windsheld.
  All This entry in time of observation column in Station index means after rain.

  B Adjusted to a full sound. It shall yor partly ectimated, using a ratio of 1 inch water equivalent to every 10 inches of mer smorth!

  One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Dmily Temperature" Table for detailed daily record. Degree day data, if carried for this estion have been adjusted to represent the value for a full sooth.

  R Assounts from recording sage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

  3 This entry in time of observation column in Station Index means observation made near sunset.

  V Includes total for previous month.

  V Debervation time is 1 00 a.m., E.S.T. of the following day.

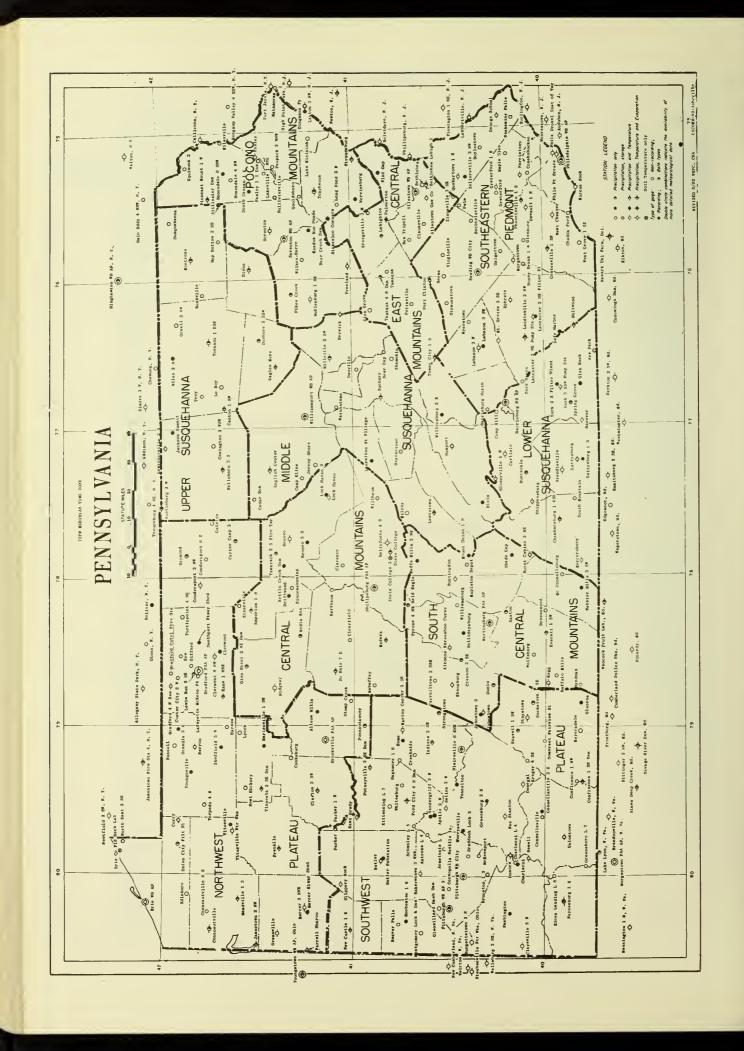
  VAR This entry in time of observation column in Station Index means overvation.

General weather conditions in the U. S. for each month are described in the publications workTHLY MEATERS REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Princing Office, Dr. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Frinting Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 16 cents.

Subscription Prics: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Government Printing Office, Washington, D.C., 20402

USCOMM-WB-Asheville, N. C. - 2/10/64-1000



1.05

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU

ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

**PENNSYLVANIA** 

DECEMBER 1963 Volume 68 No. 12



ASHEVILLE: 1964

APR 7 1964
UNIVERSITY OF ILLINOIS

				Tem	perat	ure												Precip	pitation				_	
										_	to. of	Doys							Sno	w, Sleet		N	o. of	Doys
Stotlon	. ε			5 F					Doys	Mo	вx.	Mir	n.		ra ormol		r Doy			Depth		More	More	More
	Average	Averoge	Averoge	Departure From Normal	Highest	Dote	Lowest	Date	9	90° or Above	32° or Below	32° or Below	Below	Totol	Departure From Normol		Greatest	Dote	Totol	Mox. De	Dote	.10 or A	.50 or A	1.00 or
POCOND MOUNTAINS 01						_						+	+			+							$\exists$	
FRANCIS E WALTER DAM FREELANO HAWLEY MATAMORAS MILANVILLE	27.9 27.5 32.2 33.0 31.7	13.0 15.2N 14.1 16.5 10.4	20.5 21.4M 23.2 24.8 21.1	- 6.3	47 42 49 52 48	9 8 • 9 • 9	+18 -13 - 7 -18	31	1375 1338 1292 1243 1357	0 0 0	24 15 13	31 31 31 30 31	3 3 1 7	2.25 2.02 2.24 2.25	- 1: - 1:		1.13 .96 1.02 .85	9 9 9	15.0 12.0 12.6 15.5	11 11 9 7	29 25+ 25+	5 6 5 7	1 1 2 1	1 0 1 0
PLEASANT MDUNT 1 W SCRANTON SCRANTON WB AIRPDRT STRCUOSBURG TOBYHANNA	28.3 32.6 29.9 30.9 28.3	11.3 18.4 18.6 13.5 12.5	19.8 25.5 24.3 22.2 20.4	= 5.3 = 4.6 = 9.4	43 54 52 51 45	9 9 8 6 9	+10 - 1 - 4 -14 -18	31 31 31	1376 1218 1254 1318 1376	00000	16 19	31 31	6 1 1 3 4	3.25 1.43 1.94 2.64 2.53	- 1. - 1. - 1.	01 53 25	1.48 .90 1.35 1.12 1.18	9 9 8 8 9	20.8 13.1 18.2 22.3	15 6 12 12	25÷ 23	9 3 2 5 7	1 1 1 2 1	1 0 1 1
OIVISION 01			22.3	- 6.0								1		2.28		98			16.2					
EAST CENTRAL MOUNTAINS 02																								
ALLENTOWN WB AP P ALLENTOWN GAS CO BETHLEHEM LEHIGH UNIV PALMERTON PORT CLINTON	32.2 34.0 34.7 31.7 33.8	17.6 20.4 23.4 17.5 12.0	24.9 27.2 29.1M 24.6 22.9	- 6.4 - 5.1 - 4.4 - 6.7 - 8.5	51 52 53 50 49	8 9 8 8 9	- 6	31 31 31 31	1235 1164 1106 1244 1297		13 16 13	30	1 1 2 4	2.19 2.40 D 2.53 2.12 2.12		85 72 12	.99 1.08 .95 .97	8 9 8 9	11.0 9.8 13.5 9.0	7	24	4	2 2 2	
210N GROVE	31.7		25.7	- 5.5	***	,								2.21	- 1.	23	.,	ĺ	10.8				-	
OIVISION 02 SOUTHEASTERN PIEDMONT 03			23,,	- 3.3																				
COATESVILLE 1 SW DEVAULT 1 W EPHPATA GEDRGE SCHOOL GRATERFORD 1 E	35.2 33.6 33.4 34.7 34.6	18.6 19.1 20.6 18.1 19.4	26.9 26.4 27.0 26.4 27.0	- 6.0 - 6.8 - 7.1	53 52 51 55 52	9 8 8 9 9	- 2 - 1 - 6 + 4	31 31 31	1175 1194 1171 1186 1171	0 0 0 0	14 12 13	30 31 31 30 31	1 0 1 1	2.08 2.55 1.75 1.84 1.60	- 1. - 1. - 1.	32	.96 1.16 .76 .93 1.15	8 9 9	10.3	9		4 4 4 2		0 0
HOLTWOOD LANCASTER 2 NE PMP STA LANCISVILLE ? NW LEBANON 4 WNW MARCUS HOOK	35.1 35.3 33.3 32.8 35.3	21.5 19.3 16.0 18.5 24.1	28.3 27.3 24.7 25.7 29.7	- 6.4 - 5.5 - 8.3	50 52 50 48 54	8 9 9 8	- 4 -12 2	31 31 31	1729 1160 1242 1298 1085	0	11	31 31	0 1 4 0 0	1.82 1.77 1.61 1.38 2.04	- 1.	22	.80 .70 .83 .85	9 9	13.0 11.9 13.8 12.5	10	25+ 24 24	3 3 4	1	0 0
MORGANTOWN MT GRETNA 2 SE NORRISTOWN PHIL DREXEL INST TECH PHILADELPHIA WB AP R	35.8 33.6 36.4 35.5 35.0	17.8 20.1 21.6 24.8 20.7	26.8 26.9 29.0 30.2 27.9	- 6.0	47 49 56 54	1 8 8 8	- 2 4 1 12 4	31 31 31	1178 1173 1106 1072 1144	0	14 12 10	31 31 30 27 31	0 0 0	1.76 2.05 1.85 2.00 1.76	- 1.	18	.91 1.01 .98 .94	9	8 • 1		24		2	0 1 0 0 0
PHOENIXVILLE 1 E QUAKERTOWN 1 E READING WB CITY WEST CHESTER	35.4 33.7 34.4 36.0	18.0 18.0 23.3 17.6	26.7 25.9 28.9 26.8	= 7.7 = 6.0 = 5.8 = 7.9	54 51 52 53		- 7 -12 2 4	31	1178 1208 1115 1174	. 0	15 13		1 0 0	1.81 2.24 1.89 1.98	- 1. - 1. - 1.	21	1.05 1.10 .89 1.00	9 8 9	11.1		24	3 4 4 4	2 2 2	0
WEST GROVE 1 SE	34.1M	19.34	26.7M		53	9	3	31	1130	0	14	31	0	1.63	- 1.	52	1.05	9	9.0		24	3	2	1
OIVISION 03			27.3	- 6.9										1.89	- 1.	27			10.8	3				
LOWER SUSQUEMANNA 04  ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG	33.5 33.4 34.5 33.2 34.4	18.7 19.5 20.0 18.8 21.0	26.1 26.5 27.3 26.0 27.7	= 6.0 = 5.7 = 7.0 = 6.5	47 43 49 47 48	8	- 1 - 2 - 1	31	12 00 11 38 11 64 12 02 11 49	0 0	11 9 13	31 31	1 0 1 1	2.39 2.02 1.90 1.97 2.21	- 1	76 96 33 01 74	.97 .85 .63 .83	9 9 23	13.2 13.2 13.0 12.3	10	24	5 5 4 4	2	0 0 0
HANCVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	35.3 34.1 33.5 32.7 35.3	20.2 19.6 19.5 19.7 18.1	28.0 26.9 26.5 26.2 26.7	- 6.3 - 6.6	50 42 46	27+ 7		31 31 31 31	1138 1173 1185 1194	0 0	11 13 13	29	1 1 1 1	2.12 2.36 1.81 2.22 1.92	- 1	95	.96 1.05 .81 .90	8 24 9	12.0 15.0 17.1 15.0	1 1	24 24 23 24 24	5	2	0 0
DIVISION 04			26.8	- 6.5										2.08		95			13.5					
MICDLE SUSQUEHANNA 05																					2.			
BERWICK ENGLISH CENTER LAURELTON ST VILLAGE LEWISTOWN MILLVILLE 2 SW	31.9 31.9 33.9 30.7	16.3 12.3M 20.0 14.5	24.1 22.1M 26.9 22.6		52 48 49 50	27	-11		1251 1318 1172 1308	0	13	31	1 3	1.92 1.70 1.64 2.33			.97 .98	3	9.0		5 25	3	1	
NEWPORT SUNPURY TOWER CITY 2 E WILLIAMSPORT WB AP	34.4 33.9 31.6 32.0	19.1 16.6 15.9 18.8	26.8 25.3 23.8 25.4	<b>→ 5.</b> 0	47 49 46 47	9 274	- 9	5 31 5 31 0 31	1178 1223 1271 1220	000	10 11 14	30	1 1 1 1	2.15 2.34 2.50 2.41		,90 .88	1.03 1.05 1.25 1.14	9 9	10.1 13. 15.	7 1	24 25 26 26 25	• 4	2	1
CIVISION 05			24.6	- 6.5										2.12		7.8			12.0	5				
UPPER SUSOUEHANNA 06																								
AUSTINBUPG 2 W CANTON 1 NW OIXCN EAGLES MERE	29.3 27.5 32.2° 25.6	12.9 13.7 15.5 12.5	21.1 20.6 23.9 19.1		45 45 50 42	9	-1	0 31 3 20 2 31 6 21	1354 1366 1277 1416	0	25	31 31	4 1 7	1.53 1.77 2.20 2.44	1		.70 .83 .82 1.12	3		1	9 26 8 25 8 24 3 26	1	7 1	0 0 0

# CLIMATOLOGICAL DATA

CONTINUED													Т											
		1	I	Terr	perat	ure	_	<u> </u>	T		No. o	Davi						Preci	pitation	w, Sleet			la. of	D
Station				- Pu					Days	-	OX.		in,			por l	Day		5110			.	, [	8
	Average	Average	Average	Departure From Norr	Highest	Date	Lowest	Date	Degree Do	90° er Aberre	32° or Below	32° or Bolow	0° or Below	Total	Departure	From Nor	Greatest D	Date	Total	Max. Depth on Ground	Date	.10 or Mor	.50 or Mor	1.00 or M.
LAWRENCEVILLE 2 S MONTROSE TOWANDA 1 ESF WELLSBORO 3 S	30.4 27.6 31.7 26.6	13.5 12.3 16.3 13.3	22.0 20.0 24.1 20.0	- 6.7	48 47 52 41	н 9 е 27•	-14 - 6 -12 - 3		1329 1387 1259 1387	0 0 0	17	31	5 5 4 4	1.35 2.89 1.78 1.25	-	.62	.52 1.15 1.08 .62	9 9	7.0 24.4 9.7 11.5	6 13 7 11	24 24 24 26 •	6. 9	1 1 1 1 1	0 1 1 0
DIVISION 06  CENTRAL MOUNTAINS 07			21.4	- 6.0										1.90	-	.61			13.9					
BELLEFONTE 4 5 DU ROIS 7 E EMPCRIUM 1 N KARTHAUS LOCK HAVEN	30.5 26.6 26.9 30.5	15.4 13.6 11.9 11.9	23.0 20.1 19.4 21.2	,	48 45 47 45	27 7 9 27+ 27	- 5 -17 -15 -13 - 5	31 31 31	1297 1383 1404 1351	0	18 26 26 15	31 31	1 4 5 3	2.62 1.85 1.88 1.77	- 1	L.09 <sup>1</sup>	1.12 .28 .49 .47	10 9 24+	13.3 26.5 24.0 16.0			9 5 5 3	2 0 0 0 1	1 0 0 0 0 0 0
MADERA PHILIPSEURG FAA AP RENCYO RIOCWAY STATE COLLEGE	27.1 24.7 33.0 28.2 29.5	11.2 11.5 18.4 13.5 17.9	19.2 18.1 25.7 20.9 23.7	= 6.4 = 6.8	45 43 49 47	8 26 9 8 27	-15 -19 - 4 -15 0	31 31	1413 1447 1210 1362 1273	00000	27 15	31 31 31 31	6 7 1 4 1	1.59 1.96 1.87 1.99	- 1	.79 .88	.50 .55 .76 .38	23 9	19.9 23.7 23.4 13.1	10 15 9 11	25 ÷ 26 ÷ 26 ÷ 26 ÷ 24	4 4 5 3	1 1 2 0 2	0 0 0 0
DIVISION 07 SOLTH CENTRAL			21.3	- 7.2										1.88	-	.98			20.0					
MOUNTAINS 08  ALTCONA HORSESHOE CRVE BURNT CABINS 2 NE EBENSBURG EVERETT 1 Sh HUNTINGOON	29.0 34.4 29.0 32.4 34.6M	15.6 18.4 13.6 15.6 20.2h	27.3 26.7 21.3 24.0 27.4M	- 7.9 - 7.3 - 4.0	54 49 54	26 26 26 26 27	- 5 - 5 - 14 - 6 5	31 31 31 31 20	1315 1140 1345 1264 1158	00000	20 10 22 13	31 31 31 31 31	1 1 4 4	1.86 5 4.10 2.54 3.17 1.07	-	.92	.40 .57 .91	8 9 23 10	19.3 43.5 4.8	9 22	23 24 13	7 7 3	1	0 0 0
JOHNSTOWN KEGG Martinsburg faa ap	28.2 31.6 29.5	16.7 17.9 18.1	22.5 24.8 23.8	- 9.9	53 54 50	8 7 26	- 5 - 5 - 2	31	1313 1239 1273	000		31 31 31	1 1 1	3.68 1.99 1.13		.38	.98 .90 .47	24 23 23	17.6	8	24 26+	14 3 3	2 2 0	0 0
DIVISION 08 SOUTHWEST PLATEAU 09			24.1	- 6.9										2.45	-	.47			19.1					
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURCETISTOWN 2 W BUTLER CLAYSVILLE 3 W	27.5 24.1 29.1 28.2 30.8	15.6 14.9 12.9 15.1 <sup>M</sup> 13.3	21.6 19.5 21.0 21.7M 22.1	- 9.9 - 9.9	50 45 52 50 55	7 8 3 9 7	- 6 - 2 -12 -13 -12	20 22	1336 1405 1356 1357 1324	0000	23 27 20	31 31 31 31 31	4 2 6 4 6	1.44 4.10 1.70 1.89 1.30	- - 1	.93	.43 .55 .42 .53	18	13.6 38.6 17.2 11.3		25 + 24 + 24 + 26 + 26 +	5 16 6 6	0 2 0 1 0	0 0 0 0 0
CONFLUENCE 1 SW DAM DERRY OONEGAL DONGRA FORO CITY 4 S OAM	29.4 30.3 28.0 33.0 29.1	15.2 17.8 12.8 18.8 15.7	22.3 24.1 20.4 25.9 22.4	- 9.9	53 54 48 57 52	8 7 26 7 8	- 9 - 6 - 7 - 1 -10	31 31 31 20 31	1316 1263 1378 1275 1311	00000	25 16	31 31 31 31 31	2 2 6 1 3	1.78 2.18 2.80 1.41 1.85	- 1	.01	.46 .55 .37 .46	12 23	28.0 23.0 13.3 20.0	7	25+ 25+ 24+ 26+	5 9 10 4 6	0 0 0 1	0 0 0 0 0
INDIANA 3 SE MARION CENTER 2 SE MONTGOMERY L AND O NEW CASTLE 1 N NEWELL	28.6 25.6 30.8 31.2 31.4	14.4 14.4 17.7 15.7 20.4	21.5 20.0 24.3 23.5 25.9	- 8.3	49 43 50 52 54	8 8 + 7 7 8	-10 - 3 - 3 - 9	31+ 31+ 31 31	1342 1389 1257 1281 1204	00000		31 31 31 31 28	5 4 2 4 0	2.13 3.45 1.26 1.69 1.95	-	.87	.45 .53 .33 .33	24+ 24 24 9 23	19.7 38.8 9.0 13.0 10.2	12 20 7 5	26+ 26+ 25+ 28+ 24	7 9 4 8 7	0 1 0 0 0	0 0 0 0
NEW STANTON PITTSBURGH WB AP 2 //P PITTSBURGH WB CITY R PUTNEYVILLE 2 SE OAM SALINA 3 W	32.2° 27.3 31.4 28.4 30.3	15.27 17.0 20.5 15.0 16.2	23.7M 22.4 26.0 21.7 23.3	- 8.3 - 9.0	56 50 54 48 52	7 7 7 9 8+	- 4 - 4 1 -10 -11		1271 1315 1201 1336 1287	0	16 22 17 23 17	31 31 30 31 31	6 2 0 3 3	2.73 1.24 1.59 2.74 2.35		.16	.73 .30 .40 .48	12 23 23 3 8	20.0 16.4 11.8 21.5	8	23 24+ 24 25+	9 5 7 7 8	0 0 0 2	0 0 0 0 0
SLIPPERY ROCK STOYSTOWN UNICHTOWN WAYNESBURG 1 E	28.7 27.3 32.5 31.6	16.4 14.1 20.0 15.5	22.6 20.7 26.3 23.6	- 8.8 - 9.7	50 49 57 56	7 27 • 7 8	2	31+	1309 1367 1193 1275	0000		30	2 3 6	1.16 1.33 1.28		.39	.28 .40 .44	9 23 24	6 • 7 11 • 2	3	22+ 25+ 25+	5 4 5	0 0 0	0
DIVISION 09			22.8	- 9.3										1.95		.85			18.1					
NOOTHWEST PLATEAU 10 BRADFORD FAA AIRPORT BRADFORC 4 W RES CLAPION 3 SW CLEPMONT 4 NW CONNEAUTVILLE	24.4 23.5 29.6 26.3 29.5	12.5 14.0 12.9 11.4	18.5 18.8M 21.3 18.9 23.3		43 47 45 47	8 7 8	-12 -13 -15 -24 -15	31 31 31	1437 1463 1350 1428 1284	000	27 20 26 21	31 31 31	4 3 4 4	3.32 2.00 2.18 2.44 3.09			.47 .24 .38 .44	. 9	31.3 52.2 26.5 32.5 45.2	17 12 22	26 19 25+ 26 21	11 7 8 11 14	00000	0 0 0 0 0
CORRY COUDERSPORT 3 NW OU POIS FAA AIRPORT EAST BRADY ERIE WB AIRPORT	27.0 26.0 24.8 32.8 29.9	15.5 10.5 14.2 16.0 20.7	21.3 18.3 19.5 24.4 25.3	- 7.2	44 42 48 49	8 7 8 8	-20 - 5 -12	31	1348 1439 1405 1250 1222	000	25 25 27 15 20	31 31 31	1 7 3 2 0	4.81 1.74 2.59 3.03 3.17	1	.29	.50	23 9 23 23 19	81.2 31.9 21.5	18 23 8	20 26+ 26+ 23+ 20+	15 8 10 13	2 0 1 1 0	0 0 0 0
FARRELL SHARON FRANKLIN GREENVILLE JAMESTÖWN 2 NW KANE 1 NNE	32.6 30.5 29.6 28.1 26.0	71.5 17.9 17.3 15.4 12.5	27.1 24.2 23.5 21.8 19.3	- 5.1 - 5.8 - 7.2	54 47 48 46 43	7 9 7 8 9	-10 - 7 -10 -16 -20	31 31 31	1172 1256 1279 1332 1411	0 0 0	15 17 22 23 27	31 31 31	1 2 2 .3 4	1.37 3.11 1.74 1.61 2.25	_	.04 .54 .84 .75	.35 .62 .60 .41	8 19 8 9	27.5 22.6 29.0 33.5	7 12	25+ 23+ 25+ 25	5 9 4 6 8	0 2 1 0 0	0 0 0
MEADVILLE 1 S MERCER 2 NNE TIONESTA 2 SE OAM TITUSVILLE WATER WORKS WARREN	28.2 26.8M 27.7 28.0 29.6	16.4 12.9* 14.3 13.9 17.3	22.3 19.9M 21.0 21.0 23.5	- 6.8	46 46 46 46	8 9 8 8	-12 -12 -15 -19 -11	31 31 31	1316 1396 1359 1358 1290	000	24 25 27 25 21	31 31 31	1 2 3 3	2.19 1.58 1.66 1.74 1.92		.11	.36 .33 .31 0 .50		49.7 31.5 40.5 31.9	8 18 23	22+ 25+ 26 23 24	10 8 8 5	0 0 0 1 0	0 0 0 0 0
CIVISION 10	1		21.7	- 7.4										2.39	-	. 45			37.9					

							-						D	-6 34-															OECEN	BER 1	963
Station	Total	1	2	3	4	5	6	7 8	9	10	11	12		of Mo		16	17	18	19	20 2	21	22	23	24	25	26	27	28	29	30	31
POCONO MOUNTAINS 01 EQUINUNK 2 FRANCIS E WALTER DAM FREELAND GOULOSBORO HAWLEY	2.62 2.25 2.32 2.02	*20 T	T T	.17 .30 .16	т	т	.01 .02		1.12 1.13 1.03	.12 .02 .27 T	.02 T	.17 .07 .32 .13	.13 .02			Ť		.05 .08 .08	.14 .10 .14 .05	.01	т		т	.46 .41 .48	.05 T	T T		.24 .10 .32 .15	.10	т	:
HOLLISTERVILLE HOMESOALE 4 NW LAKE MINISINK LAKEVILLE 1 NNE LONG POND 2 W	2.45 2.49 2.58 2.65 2.42		.03 .02 T T	.1B	т	т	T T .01 T		1.03 1.07 1.46 1.03	.06 .12 .03 T	.02 .03 T .02	.12 .16 .14 .19	.05 .06 .12 .04	T	Т	.02		.04 .10 .05 .04	.06 .14 .12 .04	T T	T	T	Ť	.48 .43 .72 .45	.03 .05 .04	T T T	T T	.16 .18 .10 .11	.12 .03	T	
MATAMORAS MILANVILLE RAURACK Z WNW RIKES CREEK RLEASANT MOUNT 1 W	2.24 2.25 2.43 1.99 3.25	,02	.07	.17		Ţ	T T T		1.02 .85 1.25 .85 1.48	T • 05 • 01 • 05 • 14	T • 01 T	.05 .16 .08 .16	.23 .15 .16 7	т	T T	T T		.06 T .15	.15 .20 .07 .10 .22	.01 T	T T	т	т	.61 .43 .52 .35	.06 .04 .02	T .01		.13 .13 .09 .20	† <sup>02</sup>	Т	:
SCRANTON WB AIRPORT SCRANTON WB AIRPORT STROUOSBURG TOBYWANNA WILKFS-BARRE	1.43 1.94 2.64 2.53 1.85	T	.01 .12 .05	.03	Т	,02 ,02	* 02 T	1.35 1.12	.90 .01 .06 1.18 1.18	.01 T .05	T • 01	.06 .08 .37 .15	T T	т	T T	T T .04		.01 .06 .17 .09	.02 .01 T .12	T	T T	T T	.25 .65 .16	.30 .05 .05 .27	1 T • 06 T	* <sup>04</sup>	.08 .05 .10	.02 T T .07	T	T	
EAST CENTRAL MOUNTAINS 02																															
ALLENTOWN WB AP R ALLENTOWN GAS CO 8ETHLEMEM BFTHLEMEM LEHIGH UNIV CLAUSSVILLE	2.19 2.40 1.80 0 2.53 2.37	.10	*04 *01 T	. 0B . 02 . 02		T	т	.99	1.08	T T T • 02	T 1	.30 .15 .08 .11	.08 .04				T T	.15 .03 T	.09 .07		T		.58	.09 .72 .54	Т		.04	.06 .03 1.25			
KRESGEVILLE 3 W LEHIGHTON NFW TRIROLI PALMERTON RORT CLINTON	2.43 2.54 2.23 2.12 2.12	T T	.02 T .03	.05		T .01	*02 T	Ť •95	1.06 1.02 .98 .02 .97	.02 .05 T .01		.18 .34 .35 .24	.09 .06					.02 .10 .20 .10	•15				.41 .70	.57 .76 .16 T			.05	.05 .06			
ROTISVILLE TAMACUA TAMAOUA 4 N OAM ZION GROVE ZIONSVILLE 3 SE	2.59 2.99 2.15 1.88 2.10	.07	T	.16 .23 .27 .19			T		1.05 1.31 .90 1.00 1.12	.03 .05 .05	.15	.37 .31	.05	.10			Т	.10 .10	.10 .08 .05		T			.68 .70 .32	T		Т	.04	.01		•
SCUTMEASTERN PIEOMONT 03																															
BECHTELSVILLE BERNE CHADOS FORD COATESVILLE 1 SW CONSHOHOCKEN	2.15 1.62 2.08 2.03			•04	.03 T				1.05 .82 .96 .96 .91	.02 .05	-	.12	-	.03	- 05		-	.02 T T	•13 •12 •12 •03	-	•	-	-	.64		-	-	<u> </u>	-	-	-
DEVAULT 1 W OOYLESTOWN EPHRATA GEIGERTOWN GEORGE SCHOOL	2.55 1.93 1.75 2.00 1.84			.03 .03				1.16 T	.82 .76 .98	т		.30 .18 .22 .24 .15	. 05	, 20 T	.10			.08 .15 .16 T	.03 .13 .03				.81 .65 .50	.58				т			
GLENMOORE GRATERFORO GRATERFORO 1 E HOLTWOOO HONEY BROOK 1 W	1.84 3.31 1.60 1.82 2.02		.01	. T .01	•01				1.02 1.15 1.15 .80	т		.02 .05	т	T • 05 T	т			T .	.02 .05					.72 2.02 .45 .66				T			
LANCASTER Z NE PMP STA LANOISVILLE Z NW LEBANON 4 WNW MARLE GLEN MARCUS HOOK	1.77 1.61 1.39 1.62 2.04		т	.01 .01				. 92		.02		.24 .15 .04 .19	T • 02 T	.02 .03	. 05			.09 .03 .01 .03	.02 .09 .13 .05	т			.56	.12 .49 .31 .40	Т		, D1	T			
MORGANTOWN MT GRETNA 2 SE MYERSTOWN NESHAMINY FALLS NORRISTOWN	1.7 2.0 1.8 1.86	T	T • 04 T	· T	T			.91 1.01	.09 .84 .09			.18 .05 .35 .17	T .07	.09 .04	.03			.15 .44 T .02	.01 .13 T				.34 .50	.55 .05			1	Т			
PALM RHIL DREXEL INST TECH RHILADELPHIA WB AP R RHOENIXVILLE 1 E	1.81	Т	* 05 T	Ť				.94 .83 1.05	.01			.26 .36 .30 .26		.17 .15	.01			.06 .05 .03					.48 .43 .43		Т	. 02	T 1	.04			
OUAKERTOWN 1 E READING WB CITY R STRAUSSTOWN VIRGINVILLE WEST CHESTER	2.01	.02	.02	.04 .01	.01			.89	.81 .98 1.00	.06		.11 .20 .27	.05	.02	.01			.10 .08	T		T		.65	.50 .68 .55	T		. 02 T	.02 T			
WEST GROVE 1 SE YORK HAVEN LOWER SUSGUEHANNA 04	1.83	l I		.01					1.05	Т		.18		.23					.09					.73							
ARENDISVILLE  BLOSERVILLE 1 N CARLISLF CHAMBERSBURG 1 ESE GETTYSBURG	2.30 2.00 1.80 1.90 2.21	T	.0:	.01 .06 2 T 2 T		т		´ ↑ •72	1.02	Т	΄ τ	.45 .30 .22 .27	T					.12 .16 .23 .13	.07				.60 .83 T	.52							
HANOVER HARRISBURG WB AP R HUPTSOALE MERCERSBURG NFW RARK	2.1 2.3 2.0 1.6 2.0	T T	Ť	0: 0: T	I T	T	T	1.05	1.05	.01	Ť	.26 .21 .20 .48	Т	T				.04 .26 .07 .07	105				.76	.63			• 02	T	T	т	
SHIPRENSBURG SOUTH MOUNTAIN SRRING GROVE YORK 3 SSW PUMP STA	2.2 2.3 2.3 1.9	5 0 T	T	.0: T	4 T	T		.05	1.02	т	т	.27 .34 .25	т	т				.21 .14 .02	.07				.49	. 96			T				
MIDOLE SUSQUEHANNA 05 BEAR GAR BEAVERTOWN BERWICK CAMR KLINE CEOAR RUN	2.4 2.0 1.9 1.7 1.5	2 .01	.0	3 .0	8 7 8	T 02	T	.97	. 03	.02	• 02		• 09				т	.15 .06 .17 .11	.20	1	Т		,34	.50 .51	T T	T .03	T • 01 T	, T	т	т	т
OANVILLE ENGLISH CENTER JERSEY SHORE LAURELTON ST VILLAGE LEWISTOWN	2.1 1.7 1.6	0 .0:	2 .0 T	1 3 •1 -0	3 .0:	T			.96 .98 .70	.03	Ţ	.14	.06	-			•02	.06	.05	T -	•	-		.5( .4)	T T	T T		T - T	Ţ	Ţ	-
MILLVILLE 2 SW MILROY NEWPORT SHAMOKIN SUNBURY	2.3 1.9 2.1 2.6 2.3	3 .0	5	0 .0 0 .0	5 .0 6 .0 9 .0	T S	T .01		1.12 .74 1.03 1.16 1.05	•15 •03		.20 .25 .26	03		т		Т	.08 .15 .06	.05 .09	.01	T		т	. 4: . 5:	3 T	T		T T 02	T T		
TOWER CITY 2 E WATSONTOWN	2.5		6 .0	8 .0		1		.70	1.25	107		.19						.09					.56	, 6; T	T		т	Ţ	т		

# DAILY PRECIPITA TION

PENNSYLVANIA DECEMBER 1963

Conlinued																													DECEMB	FR 19	63
Station	Total	1	2	3	4	5 T 6	7	8	9	10	11	1	Day	1		16	17	18	19	20   2	21 2	22 2	23	24	25	26	27	28 2	29 3	3	-
WILLIAMSPORT WA AP	2.41		.14	.08	T	1			T	7			T		T	T	T		T	1	1		.60		T		T	T			
UPPER SUSDUEHANNA 06																															
AUSTINAURG 2 W CANION 1 Nh COVINGION 2 MSm OIXON DUSHORE 2 SSm	1.53 1.77 1.26 2.20 1.91		т	.02 .03 .25	T T .10	1 T			.70 .83 .60 .82	T .03	* °2	.20 .15 .15 .21	.03 .10 T	Ť	Т	1 .10 .06 T	1	06 1 7	.14	1	T	T		. 24 . 35 . 36 . 43 . 33	T 1 1	T	.10	.10 .06 .06 .08	.05 1		•
FAGLES MERF MOP ROTION 2 SE LAMBENCEVILLE 2 S LE ROY MONTROSE	2.44 3.52 1.35 1.69 2.89		10 1 .02 .03	.09 .40 T .05	.03 1 T	T T 1		.15	.12 .52 .96	.08 .06 T	.11 .07	.11 .09 .14 .18 .16	.06 .10	T	T	.03	1	.06 .19 .19	.28 .21 .02 .08 .24		T • 02	1	T .16 T	.48 .39 .13 .34	.35 T	.05	T T •04	.07 .30 1 .06 .13	T 1	l 1 l r 1	
ORWELL 2 NH RUSHVILLE SUSQUEMANNA TOWANOA 1 FSE TRCY	1.86 1.86 2.19 1.78 1.82	.05	.03 T	.04 .09 .13 .05	.01 1 T	Т			1.02 1.05 .98 1.08	T •06 T •01	.02 T T	.09 .16 .11	.14 .05 .04 .03			.01 T		.01 .05 .04 .03	.10 .06 .15 .06 .05	1	.01	т	Т	.30 .31 .36 .33	05 T	.01 101	1 T .	.06	1 7 .02 .03	1 1 • 01	•
WFLLSBORO 3 S CENTRAL MOUNTAINS 07	1.25	.04	T	.05	Т	T			.62	.01	Т	.04	.01		T	T	T	T	.03	.01	.02			.38	T	T	T	.04	T		•
BFLLEFONTE 4 5 CLARFNCE CLEARFIFLO DU BOIS 7 E EMPORTUM 1 N	2.62 2.01 2.50 1.85	.05 .06 .06	T •06 •03 T	.09 .14 .10	.20 .05 .09 .02	.02 T T.02		.13	.78 .56 .52 .27	.11 .10 .18 .28	*13 *04	.15 .28 .30 .17	.12	т	T •03	T •02 •05	.03 .01 T	.13	.15 .10 .15 .08	T T T	T . 02	.04	.01 .23	1.12 .52 .54 .12	. 02 T	.05	T T	T .04 .05 .14 .07	T	1 • 04 T	:
GLEN HAZEL Z NE DAM KARTHAUS LOCK HAVEN MADERA MADHAFFFY	2.21 1.77 1.68 1.50 2.40	.01	.01 .01 T	.10 .09 .07 .04	.04 .03 .03	*03 T T T T	T		.34 .47 .84 .50	.21 .18 .01 .18 .27	.02 .03	.21 .20 .11 .16 .37	.03 .02 T	Т	.01 T	.04 T T	.07 .01 T	.17 .10 .08 .09	.25 .08 .09 .06 .24	т	.07 T	1	T	.31 .47 .43 .32	*11 T T	.03	.01 T	.11 .02 T .02	1 1 T	T T	
MEDIX RUN MILLHEIM PHILIPSBURG FAA AP RENOVO RIDGWAY	2.09 1.68 1.96 1.87 1.99	T .03 .08	.03 T .01 .03	.12 .05 .07 .06	.08 T 1 T	.01 T T .0	T T	.48	.49 .75 .09 .76	.18 .05 .03 .08	.05 T .06 T	.18 .19 .38 .12 .26	.05 .04 T T	T T	T .01	.02	.04 T	.0 .1 .18 .08	.12 .10 .02 .07 .16	.01 T	.03 T .02	T T	T .55 1	.42 .40 .02 .52 .35	.04 T .02 T .05	Ť	T .02	.04 .02 .07	.01	T T	
SINNEMAHONING STATE COLLEGE SOUTH CENTRAL	1.90	.02	102	.04	.06	T T			.66	.08	T	.31	. 06 T	'	Ť	T	*01 T	.08	.05		Ť	T	Ť	.53	Ť		T	.03	Ť	Ť	:
MOUNTAINS 08  ALTOONA HORSESHOE CRVE BREEZEWOOD RUFFALO MILLS BURNT CABINS 2 NE	1.88 1.19 1.45 D 4.10	т	.02	.11 .03 .06	.04	т 1		.40 *	.18 .20 .35	•15 •05 •	* * .04	.28 .14 .30 2.00	.37		.01	.02 T	0	.10 T .15	.04	.04	.02	0	.32 .85	.09 .65 .10	.03	.02	.05	.04 1 T	.02	.02	
CARROLLTOWN 2 SSE  CRESSON 2 SE ERENSBURG  EVERETT 1 SW HUNTINGOON HYMDMAN	2.75 2.54 3.17 1.07 2.67	.08	. 02 T	.15 .12 .02	.07 T .02 T	, o T	3	1	.49 .57 .72	.30 .35 .40 .66	.04 .02	.42 .40 .51	.04	Т	.02	.04	.01 T	.06 .02 .05	.14 .23 .50	.02	.01	T	T .91 T .03	.65 .42 T T 1.67	.03	.01 T	T T	*12 *01 T	.09	.04 .03 .04	•
JOHNSTOWN KEGG MAPLETON OFPOT MARIINSBURG FAA AP MC CONNELLSBURG	0 3.68 1.99 1.83 1.13 2.24	*°1	1 .02	.06 .02	.01 .02 T	. 04		7 D •39 •27	.06 .78 .01 .86	.05 T T .12	• 04 • 05	.56 .30 .16 .22	.02	T T	T T	•12 T	.04 T	.18 .60 .01 .08	.35 .06 T	.16 T	.10 T	.01 T	.10 .90	.98 .51 T	T	.18	T T	.10 .06 .01	Ţ	. 25 T	•
5AX10N TYRONE 4 NE BALD EAGLE WILLIAM5BURG WOLF5BURG	1.46 1.58 1.72 D 1.77	.02	Т	.02 .07 .05	T	T T T			.57 .53 .66	.02 .02 .01	Т	.29 .23 .30 .22	.02 .06 T		Ť	c	T . 15	.03 .07 .07	.08 .04	T			T	.53 .48 .54	Ť	Т		T	T	. 02 T	:
SOUTHWEST PLATEAU 09																															
ACMETONIA LOCK 3 BAKERSTOWN 3 WNW BEAVER FALLS BLAIRSVILLE 6 ENE BOSWFLL 1 5W	1.70 1.44 1.63 4.10 3.01	.03	.03 T .21	.15 .01 .10 .26	T	T T T T .02 T	т	.10	.29 .06 .21 .31	.15 .06 .19 .28 .30	.03 T .03	.29 .17 .20 .18	.03 T T .04 T	T .02	T T *17 T	T •01 T •04	T •16 •01	.1 .31 .1 .5	.14 .02 .05 .19	T .05	T .04 .01	T *03	*43 † •51 •02	.37 .19 .55 .20	.01 .03	T T	.03 T	.04 .17 .13	.02 T	.02 .04 .07	т :
BRADDOCK LOCK 2 RRUCETON 1 5 BURGETTSTOWN 2 W RUTLER CHARLERO1 LOCK 4	1.54 V 4.49 1.70 1.89	.01		.19 .18 .15 .13	.04 T T	т т		٠	.29 .30 .39 .25	.08 .10 .13 .19	•05	.30 .37 .31 .27	.01 T	т	T T	.01 .01 .02	, 01 T	.0± .1± .15 .21	.03 .05 .07 .08	.01	т	т	.01	.45 .53 .42 .53	T .01	* 01 T	.02 .02	.04 .02 .03 .02	.02	.01 .07	•
CLAY5VILLE 3 W CONFLUENCE 1 SW DAM CONFLUENCE 1 NW CONNELLSVILLE CORAOPOLIS NEVILLE 15	1.78 1.78 1.94 1.68	.04	Т	•11 •15 •13 •15 •08	.01	T T			.21 .35 .39	.10 .12 .18 .50	T .02	.28 .33 .38 .30	.07 .02 .06		Ť	* 02 T T	T T .03	.15 .07 .07 .03	.05 .08 .06 .10	.01 T	T T	T T	.03 .11	.38 .46 .53 .40	* <sup>01</sup>	T T		05 .05 .05	T T	T T	Т :
CREEKSIDE DERRY DONEGAL OONDRA FORD CITY 4 5 DAM	2.18 2.80 1.41 1.85	.02 T	.18	.10 .19 .11	Т	 .02 T	-	.28 .31 .02	.10 .32 .04	.10 .13 .07	† • 0 7 †	.55 .37 .35	- T T	- T	T .11	.05 .03 T	T • 04 T	.17 .21 .06	.05 .03 .01	- .02 T	T T T	T T T	- .45 .33 .46	.1 c .02 .01	T .04	T	T •09	T .24 .01	.05 .03 .02	т	•
GLENWILLARO DASH DAM GREENSBORD LOCK 7 INDIANA 3 SE KITTANNING LOCK 7 MARION CENTER 2 SE	1.04 1.04 2.13 1.96 3.45	.05		.06 .10 .22	.02 .02 .04	1 T T .03 .0	2		.20 .17 .45 .28	.14 .05 .12 .20	T T T • 07	.20 .18 .39 .37	T •02 •11	T T .02	T T T.02	.02 T	T T .01 T	.08 T .15	.06 .03 .05 .08	T T T .05	T T .01	T . 02	T T T .01	.24 .47 .45 .42	.01 .03 .09	T T .06	.01	.03 T .02 .04	.01 .04 .01 .03	T T .01	•
MC KEESPORT MEYERSDALE 1 W MONTGOMERY L AND D NATRONA LOCK 4 NEW CASTLE 1 N	1.03 1.86 1.26 1.46	T .02	т	.14 .10 .09 .13	.06	T T			.24 .47 .29 .23 .33	.07	. 05	.39 .28 .20	.06	T T	Ţ	T T T	T T	.11 .06 .11 .12 .13	.03 .04 .05 .05	Ť	. 03	T T	.19 .10	.54 .31 .23	T	1	T T T	.02 .02 .02	T .01	• 02 T	т :
NEWELL NEW STANTON PARKER PITTSBURGH WB AP 2 // PITTSBURGH WB CITY	1.95 2.7 1.61 R 1.25 R 1.55	.06	.15 T .09	.17	.01	T T T T		1 •13 •22	.25 .10 .41 .16	.16	.20 .04 .14	.35 .73 .29 .09	Ţ	T T	T T .02	T T	.20 .01	.10 .40 .12 .18	.05 .01	.10 T	.04 † .02	T T	.45 .70 T .30	.35 .27 .01 T	Ť	Ť	.05 T .04 .02	T .07 T	.05 T T	. 05 T	•
PUTNEYVILLE 2 SE DAM RICES LANDING L 6 SAGAMORE 1 S SALINA 3 W SCHENLEY LOCK 5	2.24 1.25 0 1.66 2.35 1.66	.02 .10	.12 .16	.11 .15	T	T 01 T		.60	.30 .21 .35 .08	•15 •12		.30 .05 .10 .53	. 03 . 02	Т	.01 T	T T T	T T T	.11 .02 .10 .16	.09 .04 .08 T	T T	T T	Ť	T46	.41 .61 .40 .17	.10	Ť	Т	.20 .02 1	T T	T T	:
SLIPPERY ROCK 50MERSE1 FAIRVIEW ST 5TOYSTOWN UNIONTOWN VANDERGRIFT	1.3	.04	.08	.16	, 45	T T		•21	.28 .61 .09	.10	.90 .01	. 22	.07	.34 .01	T T .01	.06	T	.15 .14 .06	.12 .17 T	T T T	T .23	.05 T	.06 -40 .07	.06	-	.07	.01	.05 .06 .01	.04	T T .02	. :
WAYNESBURG 1 E WHITESBURG	1.2			.11 .26		тт			. 23	•12 •35		.22	.01	T	Т	Ť	T	.05	.03	T		T	05 T	.30	T		Т	.14	T	.10	•

## DAILY PRECIPITATION

Continued	1																	-												OECE	EM8ER	1963
Station	Total													Day	of M	onth																
NORTHWEST PLATEAU 10	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BARNES BRADFORD FAA AIRPORT BRADFORD CENTRAL FS BRADFORD 4 W RES CARTER CAMP 2 W	2.80 3.32 2.05 2.00 1.51	.08	.16 .15	.07	•02	.03	т		.24 T	.25 .06 .18 .24	.08 .16	T	.47	T • 02 T	T T	T •23 •06 •09	.07 .36 .15 .23	•19 •29 •09 •17	.15 .19 .10 .15	.07		.11	.01 T	T .30 T	.30 .03 .20 .05	.33 .10	Ť	.14 .05	.06	.08 .01 .02 .02	.03 .01 .05 .02	7
CLARION 3 SW CLERMONT 4 NW CONNEAUTYTLLE COOKSBURG CORRY	2.16 2.44 3.09 1.97 4.81	.13	.05	•11 •11 •21	.02 .19 .04	Ť	.04		.16	.33 .44 .40 .26	.14 .22 .31		.10 .17	*02 T	T .01	.04 .13 T	.09 .07 .05	7 •14 •27 T •16	.13 .09 .19 .15	.21 .16 .23	.06		T T •07	T .55	.26 .30 .19 .27	.14	.06 T	T •04	.06 .11 .20		06 •08	
COUDERSPORT 3 NW COUDERSPORT 6 E OU 9015 FAA AIRPORT E4ST BRAOY E0INBORO	1.74 2.80 2.59 3.03	.15	,14	.04	.03	. 02	T _		.43	.39 .74 .11 .20	•06	.02	.05	Ť	•02 T	.02 .05 .03		.01 T	.05 .04 .15	.06 .40 .05 .33		.03		.62 .50	.36		Ť	.21 .11 .14		.02 .05 T		.30
ERIE WB AIRPORT FARRELL SHARON FRANKLTN GALETON GREENVILLE	3.17 1.37 3.11 1.94 1.74	.30 .05	.04 .05	.18		.01			.20 .35	.25 .57 .80	.14 .21 .04	.08	.26 .30 .33 .20	* <sup>01</sup>	,21 T	.20 T T	Ť	•07	.17 .01 .12 .11	.29 T .62 .05	.06 .02	.04		.18	.07 .30 .40	.15		.22 T	.13 .05	.18 .05	•04 T	T .
JAMESTOWN 2 NW KANE 1 NNE LEKTS RUN 3 SE LYNCH MEAOVILLE 1 S	1.61 2.25 0 2.83 2.71 2.19	.11	.02 .15	.10 .03	.07 .02	.02	т			.41 .31 .03 .27	•21 •15 •35	.02	.21 .03 .20	.05	T .03 T	.02 .05 .02	.07	T •06 •11 •20 •05	.16 .12 .13 .14	.18 .40 .28	.04	.06 .21 .08	.0s	.06 T	.16 .33 .02 .22 .22	.09	.05 D .10	T		.02 .04 .05	.08	04 T
MERCER 2 NNE NORTH EAST 2 SE RAYMONO REW RUSSELL	1.58 2.21 0 2.38 2.20 2.01	.01 .10	.13	.07	.07	.03			т	.33 .27 .54 .30	.07 .10	.05	.11	.05	† T	.06 .04	.12	.01 .12 .10	.17 .08 .09 .09	.10	.04	.08	.01	T	.36	.24 D .10 T	.03 †	.04	.08 .20 .07 T	.11 .15	.04 T .03 .02	T .01
STUMP CREEK TIONESTA 2 SE OAM TITUSYTLLE WATER WORKS TORPFOO 4 W TURTLEPOINT 4 NE	D 1.99 1.86 D 1.74 3.39 1.61	.05 .02 .21	.06	.16 .08	.06	.01	T		.10	.31 .06 .24	.16 .17 .10 .46 .10	*01 T	.24	T T •04	T T	T T .05	.02 .03 .05 .22	.02 .02 .15		.17 .05 .28	.01	.04 .03		T .01 .50	.40 .19 .02 .21	.03 .03 .35	.04	.02 .05 T	.06 .10 .03 .13	T T •02 T	T T .02 .82	т
UNION CRTY FILT PLANT WARREN WEST HICKORY	3.51 1.92 2.41		.03	. 09	.06	.03				.18	.19 .14 .20	.03		. 04	T	.20 .07		.09	.11	.17	.04	.20 .14 .08		.01	.14			.03 .05	.16 .10	.02	.08 .02	Т

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 57° on the 7th at Uniontown and Donora

Lowest Temperature: -24° on the 31st at Clermont 4 NW

Greatest Total Precipitation: 4.81 inches at Corry

Least Total Precipitation: 1.03 inches at McKeesport

Greatest One-Day Precipitation: 2.02 inches on the 24th at Graterford

Greatest Reported Total Snowfall: 81.2 inches at Corry

Greatest Reported Depth of Snow on Ground:  $\,$  37 inches on the 31+ at Lewis Run 3 SE

		_								711		_					OI M		_				-								ALCI ME		90
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Avera
POCONO MOUNTAINS 01																																	
FRANCIS E WALTER DAM	MAX	29	27 17	30 23	29	31	31	36 17	42	47	32	31	28	28	33	25	20	19	20	21	12	15	20	30 7	26 10	27	32 21	45 21	29 13	2 7			27.9
FREELANO	MAX	32	29 23	36 24	32 18	32	34 28	42	42 26	41	33	30	28	28	24	24	20	1 A 3	20	1 A	18	15	20	26 14	27 18	31	35 17	32 17	24 11	24	22		27.5
HAWLEY	MAX M1N	31	34	35 25	34	37	36 22	41	49	49	39	34	34	25 19	34	30	25	23	28	24	24	23	22	36 16	25	30	36	48	23	35	31	22	32.2
MATAMORAS	MAX	34	34	35	36	36	40	41	48	52	37	36	33	32 15	33	25 10	24	27	24	26	24	19	35 14	30 12	31	37 26	43	38	33	32	24	2 3	33.0
MILANVILLE	MAX M1N	32	32	35	36 25	35 17	35	42	43	48	39	34	37 15	24	33 15	32	25	23	28	23	25	22	23	35 11	2 7 1 2	34 19	37	43	24	23	30		31.7
PLEASANT MOUNT 1 W	MAX M1N	40	35 15	31	32	31	34	3 <sup>-7</sup>	40 16	43	31	30	25	27	30	27	18	18	22	19	20	17	20	30 18	24	30 21	31	42	22	2.8	24	18	28.3
SCRANTON	MAX	32	31	36 26	36	35 24	40	42	45 25	54	36	36	32	32	37	30	24	22	27	26	23	19	23	35 22	31	34	34	47	35 18	30 16		20	32.6
SCRANTON WB ATRPORT	MAX	29	34	35 30	34	36 27	39	45	52 31	35 28	32	29	31	34	31 13	22	20	23	23	20	17	16	31	28	29	34 25	42	37	30 15	24 15		17	29.9
STROUOSBURG	MAX M1N	31	33	34	35	34	40	44	51 19	42	35 26	32	35 19	30	32 11	25	21	26	24	22	20	18	33	23	34	35 22	41	28 15	31	27		20	30.8 13.5
TOBYHANNA	MAX M1N	28	29	32	31	31	37	43	44	45	29	27	29	33	28	17	16	21	20	17	16	13	29	25 12	27	31	44	40	27	25		24	28.3
FAST CENTRAL		14	.,			. 7				-,			• •		• '	-												-,					
MOUNTAINS 02 ALLENTOWN WB AP	MAX MIN	34	36 22	37 32	38 25	37 30	43	47 27	5 1 26	41	37	36 26	29	35 20	31 13	25 11	25 12	25 11	26 14	22	20	20	34 13	26 15	32 25	35 24	41	30 14	32	2 g 1 0	22 _		32.2 17.6
ALLENTOWN GAS CO	MAX	39	35	36 26	37	39 28	36 32	44	48	52	40	38	36 22	29	38	32	28	26 14	28	28	24	23	22	35 17	27	35	38	45	27	35		24	34.0
BETHLEHEM LEHIGH UNIV	MAX M1N	33	38	37	39	38	45	49	53	42	39	37	29	37	33	26 13	26	26 16	28	24	22	21	37	28	31	37	46						34.7
PALMERTON	MAX	31	33	36 33	37	35 30	41	46 26	50 24	38	37	35 25	27	35 21	31	24	26	26 11	26 13	23	21	20	35 15	25	34	35	41	32 19	31	29		20	31.7
PORT CLINTON	MAX	39	36	34	36	40	35 22	44	47	49	39	38	36 18	29	36 17	31	28	28	26	25	25	23	21	37	28	36 16	37 10	43	30	34 - 3	32	25	33,8
ZION GROVE	MAX	33	30	32	35	39	37	38	45	47	36	30	31		36	33	23	24	22		27	18		39			35	48			20		31.7
SOUTHEASTERN PIEOMONT																																	
COATESVILLE 1 SW	MAX M1N	41	38	40 23	38	41 25	41	43	49	53 27	43	40	36 25	36	37 24	33 14	28	27 14	27 13	28 16	24	23	22	33	30 23	35 27	3 8 1 5	44	35 21	32	30		35.2 18.6
OEVAULT 1 W	MAX	36	39	36 30	42	42	44	48 26	52	40	40 28	34 25	30	37 26	34	29	26	26 12	27 15	24	22	18	33	28	32	34	43	34	31	32 12		24	33.6 19.1
EPHRATA	MAX M1N	37	36 25	37 30	38	40	42 27	47	51 31	39	40	36 28	33	37	33	26 12	25 13	26 12	28	22	21	23	33	29	34	36	40	37	32	29	24	24	33.4
GEORGE SCHOOL	MAX	40	38	39 26	39	41	39	42	47 26	55 31	42	38	36 24	32	36	32 13	25 15	26 13	26	30	25	21	25	34	30	34	37 16	44	29	34	30	29	34.7
GRATERFORO 1 E	MAX		47	38	47	38	40 26	44	48	52	42 28	48	36 24	31	37	32	26	25 12	25	27	22	21	20	33	29	32	35 21	44	30	32		22	34.6 19.4
HOLTWOOD	MAX	39	41 27	39 34	41 28	41	41 28	48	50 31	42	41	36 30	36 28	36	34 18	29	28	29 17	30	26	23	23	32	30 19	35 19	39	42	41	33	34		25	35.1 21.5
LANCASTER 2 NE PMP STA	MAX M1N	38	38	39	40	40 27	42	49	50	52	40	38	33 25		35 22		27	28 15	28	25	24	25	34	30	37	39	45	37	36	32	28	21	35.3
LANOISVILLE 2 NW	MAX	27 40 25	36	36	38	39	39	41	-				34 25	34	36 22	32	26	26		27 16	21		22	12 31 10			36	16 37 11	37 17		28	21	33.3
LEBANON 4 WNW	MAX	39	35 25	35 26		37	35 24	41 25		48		37 30	35 22	33	36 24		25	25	27				23		27 20		35 20	40	34			23	16.0 32.8
MARCUS HOOK	MAX M1N	39	42	41	40	41 32	47	48	54 35	44	40	35 30	35 29	37	35 17	29	29	27	30	26 12	24	24	33	31	34 26	37	42 25	34		31		27	35.3 24.1
MCRGANTOWN	MAX		45	36 30	40	40	42 32	46	35 44 32	46	46	40	38 23	36	36 14	30	24		31		28	25	30	29 13	32	40	42	45 23			28 .	25	35.8 17.8
MT GRETNA 2 SE	MAX	35	37 32	38	36	38 31	42 32	48		38 25		38	37 27	36	32 14		27		27 15			23	34 16	29	32 19	32	41 16	38		32	22	22	33.6 20.1
NCRRISTOWN	MAX M1N	40	44 27	40	42	43	47 30	51	56 31	45	40	38	34 26	38	37 17	29	29	29 15	30			23	35 16		36 24	38	47	32	35	32	28	28	36.4
PHIL OREXEL INST TECH	MAX	38	43	41 34	42	41	44	46	54 35	44	39	36 31	34	36	36 20	29	28		31	26		23	35	32	33	37	20 43	36	35	33	27	26	35.5
PHILACELPHIA WB AP	MAX	4	42	39	40	40	43 31	46	54	44 31	38	34	35	37	37 18	29	28	28	32 19	25	23	24	34		33	37	26 43	28 34 25	25 34 18	31	25	25	35.0
PHILAGELPHIA PT BREEZE	MAX	1		,1	2.0	63	,	23		1		2.0	20	30	. 0	13	14	4.3	14	. 2	9		16	19	2.2	26	23	23	4.6	13	y	,	20.7
PHOENIXVILLE 1 E	MAX	45		39		42			54			39									22					37					24		35.4
QUAKERTOWN 1 E	MAX	36	36	36	36	25 40 25	42	46		50	38	38	32	37	36	25	23	25	28	27		8	32	31	32	36	13	37	32	29	26	25	33.7
READING WB CITY	MAX	37	38	31	39	25	26	48	52	31 40	39	38	32	37	34	27		27			24	23		29		37				31	26	25	
WEST CHESTER		41		33		43		42	50	53	42	42	36	34	36	29	29	29	30	29	26	23	28	36	30	31	39	44	36	34	32	28	36.0
	MIN	20	20	22	24	23	24	25	27	25	24	27	19	23	24	10	111	10	13	13	4	6	5	15	21	22	20	23	19	13	10	4	17.6

PENNSYLVANIA OECEMBER 1963

Continued																Day	Of Mo	onth															age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
WEST GROVE 1 5E	MAX M1N	40 24	39 22	40 26	41 26	40 28	40 27	41 26	47 28	53 29	42 29		38 26	36 27	3 S 26	32 12	29 14	25 11	25 12	26 16	22	21	21 8	30 12	30 22	33 27	36 19	20	35 26	32 12	32 12	21	34.1 19.3
LOWER SUSQUEHANNA 04																																	
ARENDTSVILLE	MAX M1N	38 25	34 23	34 24	38 24	41 26	37 24	40 24	47 25	42 25	37 30	39 31	36 26	37 25	36 26	31 12	26 13	25 14	27 15	28 14	22 6	22	23	32 15	29 19	36 28	36 16	40	40 24	31 6	31 8 •	23 - 1	33.5
BLOSERVILLE 1 N	MAX M1N	40 26	34 25	34 27	35 25	39 27	39 26	41 26	42 30	43 28	35 29	36 30	39 24	35 26	36 28	30 7	26 8	27 7	23 13	27 14	21 6	23	25 11	33 15	30 22	35 28	38 21	43 25	38 25	30 12	33 9	25	33.4
CARLISLE	MAX	37 25	36 23	37 31	40 25	38 30	41 23	47 25	48 29	3 8 30	40 30	38 32	35 25	37 27	34 20	33 11	28 14	28 13	27 20	24 15	24 6	25 12	33 11	27 16	37 21	40 29	40 15	40 21	35 25	33 9	27 10 .	23	34.5
CHAMBERSBURG 1 ESE	MAX	34 28	35 25	37 30	40	39 25	39 23	47 22	40 25	37 28	36 30	37 31	38 27	3 8 2 8	32 16	26 13	26 14	27 10	27 19	21	22	24	32 6	26 15	34 18	38 27	45 20	40	34 17	3 2 9		21	33.2
GFTTYSBURG	MAX MIN	39 29	35 27	37 30	38 28	41	38 26	40 25	48 25	46 30	38 31	39 31	38 26	38 28	36 28	32	26 15	27 14	27 18	29 10	22	22	23 13	32 16	30 22	32 29	38 23	43 23	42 25	30 10		31	34.4
HANOVER	MAX M1N	40 27	38 26	37 28	37 28	41 27	37 25	42 25	51 26	49 30	39 30	40 31	38 27	37 28	36 28	35 13	27 15	28 12	29	29 15	23	23	32 10	33 10	28 17	36 25	38 23	48 25	43 25	32 11	32 12	31	35.
HARRISBURG WB AP	MAX M1N	37 28	37 26	39 33	40	38 31	43	49	50 28	40 31	42 33	37 28	33 27	37 25	34 15	28 13	29 17	28 13	26 18	24	22	24	33 12	28 18	35	38 26	40 11	3 8 2 1	33	31		21	34.
MERCERSBURG	MAX MIN	32 29	35 25	34 28	38 28	42 26	39 23	40 23	40	41	38 30	37 31	37 28	38 26	36 22	34 12	25 14	25 10	27 11	29 14	21	23	24 12	30 15	32	36 29	38 15	42 18	41	30 13		23	33. 19.
SHIPPENSBURG	MAX M1N	34	35 25	36 29	39 26	38 28	38 26	46 22	40 25	38	36 28	37 31	36 27	36 29	35 20	27 11	26 14	27 11	26 19	23 13	21	22	30 11	27 15	32 21	35 27	40 18	40 22	38 25	30	27 10	20	32. 19.
YORK 3 SSW PUMP STA	MAX MIN	37 27	37 23	38 32	40	38 26	43	51 24	49	46	40 31	38 31	36 27	35 24	3 S 2 3	28 14	28 15	29 11	28 21	25 16	23	25 10	34	28 12	35 15	38	50 10	42 18	37 19	32	26	23	35. 18.
MIDDLE SUSQUEHANNA OS																																	
BERWICK	MAX MIN	32 21	35 21	34 32	34 28	37 30	39 22	45 25	52 26	37 28	36 29	35 24	33	36 25	31 11	25 9	26	25	26 13	21	19	19	33	27	31	36 18	43 11	39	32 17	28 13	22	22	31.
ENGLISH CENTER	MAX MIN	33	32	32	35	35 18	35	38	44	45	32	34	34	33	34	26	26	25	24	28	18	21	5	32	28	31	36 18	48		38		22	31.
LAURELTON ST VILLAGE	MAX MIN	24	1.7	. 7		10	20	***	••	-	.,	- '									- ,		,			.,	10	. 7		,			
LEW1STOWN	MAX MIN	40	34	37	36 29	39 29	37 26	38 26	46 25	45	3 8 30	38 32	37	37 28	38 28	28	22	26 15	26 14	29	20	19	27	32 10	29	3 S 2 8	36 15	49 12	42 29	32 18	32 13	25	33.
MILLVILLE 2 SW	MAX MIN	32	31	33	34	33	37	39	43	50	33	35	33	31	34	25	24	25	23	24	18	18	19	30 11	25	30	35 17	42	38	30	27	22	30.
NEWPORT	MAX M1N	22 40 28	18 34 25	20 35 25	18 37 28	17 38 29	38	21 41 23	21 47 24	23 47 24	26 36 28	26 40 34	38	21 35 28	22 37 29	30 14	25 15	6 26 12	6 27 12	30	22	24	26	35 10	13 30 17	35	37	45	20 41 28	12 33 12		25	34.· 19.
SUNBURY	MAX MIN	38	36	34	35 20	36 21	37	42	47 22	49	36 26	41 27	36 21	35 23	37	28	26 10	27	26 12	28	22	22	24	35 10	27	33	38	47	40	33	31	25	33.
TOWER CITY 2 E	MAX MIN	35	33	32	34	33	35	38	45	46	36	35 29	34	32	35 19	34	23	22	23	26 15	20	19	23	33	26 18	32 26	15 34 11	46	38	30	28	- 5 21 -10	31.
WILLIAMSPORT WB AP	MAX	33	36	35	34	36	40	44	23 47	37	37	35	31	36	30	26	26	26	27	21	20	21	32	27	32	37	39	40	34	29	24	19	32.
UPPER SUSOUEHANNA 06	MIN	25	23	29	23	27	24		26	28	28	26	23	27	12	12	13	8	15	,	,	10	16	20	26	21	20	29	21	12		• 1	18.
AUSTINBURG 2 W	MAX	28	28	30	32	34	35	35	45	45	33	35	30	34	30	20	22	21	20		17		25	30	28	35	32	40	30	28		20	29.
CANTON 1 NW	MIN	28	17 26	30	30	34	35	35	38	45	30	30	26	30	28	22	20	18	20	20	16	17	22	30	21	23	31	40	32	28		17	27.
OIXON	MAX	15	16	35	18	34	37	18	25 45	50	38	34	30	31	15	28	23	22	26	26	- 3	21	24	33	30	34	37		35	30	29	20	32.
EAGLES MERE	MIN	16 27	19	27	30	30	30		21 35	28			25							15	14	1 1 3	26	21					32		20		25.
LAWRENCEVILLE 2 S	MIN	17 30	33	33	15	17	39	45	23 48	37	32	31	32	34	27	<b>-</b> 2	22			22	<b>-</b> 6	17	32	30		35	43		33		20		30.
MONTROSE	M1N MAX	16	16 26	30	17	26 31		17 35	40	47	34		28	25		23	18	- 2 17	7 21	20	- 6 19			28	20	28	31	21	31		23		27.
TOWANOA 1 ESE	MAX	30	10 35	34	19	18	38	20	20 52	42	21	17 32	33	15	16	23	22	6 25	6 27	10	22		- 5 32		18		47	39		7 26	23	18	31.
WELLSBORO 3 S	MIN	17	19	28	30	24	33	34	23	29		21	19	30	16 28	20	20	8	11	21	0	15		29		25	24	41		27	19	15	
CENTRAL MOUNTAINS 07	MIN	17	15	21	16	15	18	19	20	24	20	20	16	20	13	4	6	6	6	10	- 2	- 3	- 2	20	19	22	23	22	20	7	3 -	- 2	13.
BELLEFONTE 4 S	MAX	33	30	35	34	35	34	32	46	45	33	32	34	35	35	21	19	22	23	28	17	16	23	31	27	32	30	48	37	31	28	19	30.5
DU 8015 7 E	M1N MAX	23	30	24		25			21			28	32	25		6	10	7	7 23	8	10	1 17	22	9	14	19	14	15	19	15	18	- 5	15.
EMPORIUM 1 N	MIN		20	26	18	30	16	15	28	23	22	30	31	32	9	19	5 20	6	7	4		6	11	11	20	21	30	25	19	- 1	20	-17	13.
KARTHAUS	MIN	20	20	22		18	11		13		33	33	18		13	22	22	5	7 22	10	16	- 2	2	16	17	21	18	18	19	5	- 5 ·	-15	
	MIN		17	24	21	23			15		24	26	21	23	15	5	В	2	2	11	21	- 2	9	1	8	19	11		24	<b>-</b> 2	- 6 ·	-13	
LOCK HAVEN	MAX	27		26		22			20				23	26	23	9	8	8	13	8	- 1	- 2	8	11	17	26	15	14	28	9	3 -	- 5	15.
MADERA	MIN	32 18	28	20	33	20	19			24	30	28	32	24	16	4	3	4	6	9	- 3	- 4	5	0	25	21	28		20	- 5	- 5	-15	11.
PHILIPSBURG FAA AP	MAX M1N	25 20	29 22	31 26		30 17			39 27		26		20	29 23	23	13	16 5	16		- 1	- 4	15	0	0		27					-12 -12		11.5

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Co	D.II	տս	ed

Continued										VI							J11.					_					-				DECEM	1BE.R	1963
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	verage
RFNOVO	MAX	37	33	36	-	32	37	38	43	49	37	36	37	37	37	27	27	27	27	29	21	22	23	32	28	32	36	47	38	32	27	2.3	33.0
RIOGWAY	M1N MAX	28	25	27	35	25 32	34	34	25	24	28	32	23 35	34	22	11	11	12	20	24	5 11	5	7	16	19	26	23	20	34	9 26	8 21	12	18.4 28.2
STATE COLLEGE	MIN	19	19	25	21	18	11	11	13	27	31	26	22	26 35	12	23	19	3 21	20	25	- 2 16	- 2 15	6 21	11	20	23	21	21	23 36	8	- 7 25	-15 19	13.5
SOUTH CENTRAL	MIN	24	24	27	26	27	23	25	25	26	25	27	22	25	21	8	10	8	9	12	1	2	10	13	16	25	23	24	24	14	8	Ó	17.9
MOUNTAINS 08  ALTOONA HORSESMOE CRV	F MAX	32	33	35	34	32	33	44	39	33	30	31	34	33	29	16	19	23	25	16	14	18	27	23	30	30	51	42	29	2.8	20	17	29.0
	MIN	21	17	26	25	24	21	17	25	26	22	25	23	26	9	5	8	7 27	12	5	1	8	10	9	21	2.2	20	28	19	6	2	- 5	15.6
BURNT CABINS 2 NE	MIN	25	24	36 27	38	37 26	24	20	25	27	36 27	29	37 26	38	20	10	10	8	14	11	20	26	4	10	21	28	20	31	23	13	6	_ 5	34.9
EPENSBURG	MAX M1N	20	33	32 26	29	32 20	30 22	14	22	22	26	23	33	32 25	35 12	13	13	7	10	17	- 1	16	5	_ 1	26	27	14	29	29	30 5		20	29.0
EVERETT 1 5w	MAX	26	39 28	36 24	26	38 24	39 23	18	20	35 20	35 26	38 28	35 28	19	12	8	23	14	10	- 1	19	25	35 14	10	19	38 15	15	23	28 15	11	<b>-</b> 2		32.4 15.6
HUNT INGOON	MAX	39 27	34 25	35 25	37 32	3 8 3 2	35 26	37 21		51 22	26	36 28	35 31	38 27	38 28	38 27	29 11	26 10	10	21	20 5	7	12	35 16	29 11		38 16	55 16					34.6
JOHNSTOWN	MAX M1N	30 23	29 24	33 25	33 28	34 27	33 25	31 20	53 24	28	29 25	30 26	32 25	32 27	34 6	32	14	18	20 12	10	12	10	18	23 11	26 18	28	25 21	48 20	39 20	22 11	23 11	16 - 5	28.2
KFGG	MAX	31 24	35 20	35 28	38 24	40 25	26	54 20	42 21	33 26	31 25	33 27	37 28	35 29	32 9	18 9	22 12	23 14	29 14	18 10	20 3	2 1 9	29 10	24 12	30 22	35 25	52 20	43 30	31 19	29 17		20 - 5	31.6
MARTINSBURG FAA AP	MAX M1N	30 25	34 24	34 27	34 28	34 27	35 29	49 24	44 26	33 27	30 27	31 25	35 25	35 27	28 9	19 9	19 11	21 9	27 15	18	15 1	18	25 12	23 11	30 22	30 25	50 26	40 30	31 15	27 15	18	- 2	29.5
SOUTHWEST PLATEAU 09																																	
BAKERSTOWN 3 WNW	MAX M1N	32 19	34 20	32 29	30 25	35 23	36 24	50 22	48 31	32 24	28 25	32 25	34 25	31 22	23 6	15	15 5	19	21	13	10	17	24 - 1	26 14	31 24	28 26	42	36 27	27 13	21 17	17 - 2	18	27.6 15.6
BLAIRSVILLE 6 ENE	MAX M1N	24	31 21	30 26	27	29 22	30 24	42 25	45 29	30 23	24	28 22	32 24	28 22	23	9	14	13	21 11	11	6 ~ 2	10	19	22	23	24	39 23	34	25 15	20	14	19	24.1
BURGETTSTOWN 2 W	MAX M1N	32 17	31	35 27	33 26	33 25	37	36 20	52 22	49	28 25	28 25	35 26	35 27	30 11	17	15	22	23	25	11 - 8	14	20 -12	26	29	30 24	29	46 27	33	26	23 -10	20	29.1 12.9
BUTLER	MAX	20	31	33	33	32	34	35 19	19	50	29	28	33	33	28		17	21	22	24	9	15		26	26		29	43	33			17	
CLAYSVILLE 3 W	MAX MIN	32	35 20	35	33	38	38	55 20	51	32 25	29 25	35 25	37	33	25	12	22	25	27	17	15 -10	20	31	29	31	30	49	37	32	25	21	24	30.8
CONFLUENCE 1 SW DAM	MAX	30	31	35	33	34	36	34	53	49	30	28	33	35	34	21	15	20	21	21	12	14	18	28	25	21	33	51	35	- 2 25	26	20	13.3
OFRRY	MAX	30	19	34	32	33	34	19	19	33	24	34	38	33	30	14	7 20	20	27	17	13	- 1 17	26	10	20	33	18	25 48	34	2 9	20	<b>-</b> 9	
DONEGAL	MAX	21	32	30	32	34	34	47	32 46	25	24	30	32	31	26	14	9	20	26	13	12	16	25	7 27	24	24	23 48	38	21	13	17	<b>-</b> 6	17.8
OONORA	MIN	18	18	36	37	20	38	18	26 56	35	30	18	26 37	25 35	32	17	24	7 24	29	19	17	- 1 20	27	9	31	32	53	47	34	29	- 5 24	<b>-</b> 7	12.8
FORD CITY 4 S DAM	M1N MAX	32	30	30	33	29 31	30	25	30 52	26 51	30	30	35	29 36	12	20	9	11	22	9 25	11	14	19	16	24	24	32	31	35	26	23	18	18.8
INOIANA 3 SE	M1N MAX	22	35	26 34	32	24 32	33	21	21	26 32	25 28	27	28 35	28	17 26	14	8	7	10	10	- 1 12	1	2 23	5 26	22	24	20	31	30		<b>-</b> 5		15.7
MARION CENTER 2 SE	M1N MAX	16	19	32	26	25	23	19 43	27	25	24	26	27	26	9	7	8	3	23	5 15	1 9	5	0 21	0	13	23	19	29	18	- 3	-10	-10	14.4
MONTGOMERY L AND D	M1N MAX	20	21	28	24	21	23	50	30	35	22	24	24	22	6	17	5	7	10	1	- 3	4	6	7	20	21	21	24	14	3	- 3	- 3	14.4
	MIN	22	24	31	28	25	24	24	32	27	27	27	27	27	11	5	7	10	18	5	- 2	7	26	10	26		19	31	22	11	1	- 3	30.8
NFW CASTLE 1 N	MAX	21	33 26	35 26	34 26	38 26	20	52 22	30	35 25	33 25	34 26	27	33 24	9	19	5	5	16		<b>~</b> 5	25 8	- 3	7	23	33 24	21	28			- 4	- 9	31.2 15.7
NEWELL	MAX	32 26	35 28	33	29	37 32	34	47 23	54 27	52 29	29 26	33 29	39	36 31	32 21	21	19	16	18	27	2	11	17	15	26 24	26 24	16	31	36 22	26 9	25		31.4
NEW STANTON	MAX		39 20	40 26	38 28	36 24	38 26	56 20	55 28	39 26	30 25	33 26	39 29	39 26	32 9	7	22	23 12	23 17			19 - 1	- 1		31 18	28	45 22	20	37 17		15 - 4	0	32.2 15.2
PITTSBURGH WB AP 2	MAX M1N	29 17	33 26	33 29	30 27	34 28	34 28	50 25	49 30	30 25	27 25	31 26	35 29	29 21	21 8	13	19	19	23 15		- 11	18	23	27 15	27 25	29 24		39 27	27 15	24 14	17		27.8 17.0
PITTSBURGH WB CITY	MAX M1N	33 25	37 31	36 31	34 29	38 31	38 31	54 31	52 33	33 27	31 27	33 28	37 31	33 24	24 11	16	25 10	24 13	28 18	18	17	24 8	27 10	29 16	31 27	31 26		40 26	29 20	25 17	21	26	31.4 20.5
PUTNEYVILLE 2 SE DAM	MAX M1N	35 21	31 21	32 24	33 25	30 25	34 19	32 20	47 21	48 26	29 24	29 25	32 25	34 26	30 16	20 5	16 5	21 6	20		10 - 2	12	19	25 5	25 20	27 22	31 19	44	38 21	31	21	18 -10	28.4 15.0
SALINA 3 W	MAX M1N	30 21	35 26	36 30	33 26	35 26	34 28	52 23	52 29	35 25	30 24	32 26	37 28	33 27	30 9	16	21	21	26 13		13	19	24	22	33 23	30 23	47 22	44 30	33 19		20		30.3
SLIPPERY ROCK	MAX M1N	30 20	32 24	32 28	30 25	34 24	32 22	50 27	46 31	31 25	30 24	32 21	33 25	30 23	25	16	22	21	24		15	20	28	25 14	28	30 24	42 23	39 27	29 15	21	20	24 - 5	28.7
STOYSTOWN	MAX M1N	29 19	26 19	34	32	34 23	33	32 22	49	43	27 21	30 21	33	34 24	32	18	13	17	20		10	12		25	25	26	30 19	49	32			16 -10	27.3
UNIONTOWN	MAX M1N	33	39 25	35	36 28	40	37	57 24	55	33	30 26	33	41	34		17		26 13	27					29 17	30	30 25		40	33		25		32.5
WAYNESBURG 1 E	MAX	34	34	36	33	33	38	38	56	55	30	30	39	37	33	21	19	24	26	27	15	14	21	29	31	30	34	51	35	29	27	22	31.6
NORTHWEST PLATEAU 10	MIN	23	21	28	21	27	29	21	21	28	26	26	27	28	21	5	6	7	11	10	- 1	0	- 4	- 2	23	25	9	24	20	4	- 3	- 6	15.5
BRADFORD FAA AlRPORT	MAX					35			43														23										24.4
	MIN	18	20	21	18	13	16	16	26	20																							12.5

Continued																													-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-NOE K	1903
Station																Day '	Of Mo	onth															Åverage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
BRAOFORD 4 W RES	MAX M1N	20	21	25	19	22	14	12	22	23	28 23	28 20	31 16	29	22	20	19	19	22	18		14 - 7	25 13	25 20	25 22	27 21	35 25	34 22	25 18	19	15	22 -13	23.5
CLARION 3 SW	MAX	34 18	32 22	34 27	32 22	34 20	33 17	44 16	47 24	39 24	32 21	34 24	33 23	31	24	17	22	25 5	25 12	20	17 - 6	19	27	26 8	29 20	32 22	43 15	40 26	32 17			22 -15	29.6
CLERMONT 4 NW	MAX	28 18	32 20	32 22	30 18	33 12	32 16	45 8	42 26	30 22	28 20	28 18	30 16	28	24	20	18	18	20	14	14	15 - 2	26 10	24 18	28	28	40	34 22	24 16	18		18	26.3
CONNEAUTVILLE	MAX MIN	35 23	30 23	34 23	36 25	31 18	38 19	34 25	47 29	46 25	32 27	32 27	34 25	32 23	27 8	17	22 10	24	23 11	25 10	11	19	22 14	30 19	29 23	30 23	35 25	3 9 2 5	29 21	26 12	24	20	29.5
CORRY	MAX MIN	29 19	30 23	33 26	29 24	31 10	30 18	43 18	44 32	32 25	2 9 2 5	34 24	31 22	28 17	19	19	21	19	21 14	19	14	19	27 16	26 22	25 22	29 21	35 23	34	25 16	19	17	26 -11	27.0 15.5
COUOERSPORT 3 NW	MAX M1N	32 11	28 19	31 24	31 16	33 19	32	41	42 25	3 3 20	26 21	27 13	30 12	28	24	19 - 1	18	17 - 2	22	15	14 -11	13 - 3	26 10	24	25 20	27	40 22	33	24 16			18 -20	26.0
OU BOIS FAA AIRPORT	MAX	24 17	29 23	30 24	27 24	30 22	28 20	48 21	42 28	28 23	27 23	30 22	31 21	26 21	21	13	18	14	21 13	16 - 2	10	16	22	22 11	24 18	28	39 21	34 23	24	17	14	17	24.8
EAST BRACY	MAX MIN	33 22	39 29	34 26	36 29	37 26	36 23	48 20	49	41 26	34 28	36 26	35 28	32 28	28 12	20	25 7	23	28 18	18	18	23 10	31	29 7	35 20	48	47 14	43	29 12	29		26 -12	32.8
ERIE WB AIRPORT	MAX MIN	31 25	33 26	3 4 2 8	32 25	35 24	35 27	48 32	49	34 28	34 29	32 27	33 26	30 19	22 11	25 10	25 17	22 14	25 18	23	22	26 14	29 19	30 25	30 25	33	39 26	29 25	28 18	21 15	19	20	29.9
FARRELL SHARON	MAX MIN	37 25	34 29	34 30	34 30	36 30	36 32	54 32	48 32	34 30	35 32	36 30	35 33	33 25	25 11	22 10	28 12	25 10	25 22	22	26 2	25 13	32 16	30 21	31	37 29	43 26	40 31	31 21	29 17	23	31 -10	32.6 21.5
FRANKL IN	MAX MIN	35 29	30 21	33 26	35 28	33 29	35 22	33 20	46 21	47 28	35 28	32 28	35 24	34 28	31 11	22	22	25 9	21	24 18	22	18 - 1	20	30 10	27	30 19	33 25	42 25	40 28	29 19		20	30.5 17.9
GREENVILLE	MAX	31 22	32 25	35 26	31 25	35 22	34 27	48 24	46 32	33 26	31 26	33 27	32 26	31 21	21	21	23	22 6	23 16	20	18	22 11	30 6	28 15	28 23	32 26	40 23	38 27	30 21	24 11		27 -10	29.6 17.3
WN S NWOTSEMAL	MAX MIN	33 21	30 22	31 25	36 24	30 21	35 24	33 24	46 30	45 23	31 24	31 26	31 25	32 22	26 5	13	20 5	22	22	22	9 - 3	17	22	28 14	27	28 22	34 19	40 23	29	25 16	23	19 +16	28.1 15.4
KANE 1 NNE	MAX MIN	28 19	26 18	31 23	33 21	30 16	30 10	29 11	40 15	43 25	28 23	29 23	31 17	31 23	27	14	20	22	18	22	10	14	17	25 17	25 21	25 22	29	38 21	32	24	20	16 -20	26.0 12.5
MEAOVILLE 1 S	MAX MIN	35 21	28 22	32 25	37 26	30 19	34 21	32 23	46 24	45 26	30 26	31 27	32 25	31 24	27	12	20	22	21	23 10	12	17	21 13	30 17	27 23	32 23	33 21	38 27	29 21	26 8	22	20 -12	28.2
MERCER 2 NNE	MAX MIN	30	31 22	36 24	32 23	32 18	32 18			38 22	30 24	30 26	30 24	30 23	28	18	20	20	20	19	15 - 5	20	21	20	21 19	32 16	41 19	40 25	30 16	22		20 -12	26.8 12.9
TIONESTA 2 SE OAM	MAX MIN	32 21	34 21	32 26	32 24	30 20	31 15	31 16	45 17	46 25	29 25	30 26	32 23	31 26	26 I1	16	19	22	19	24 10	11 - 3	15 - 2	20	28 17	26 20	28 24	29 13	41 13	32 21	28	22	17 -15	27.7
TITUSVILLE WATER WORKS	MAX MIN	2 9 20	32 24	34 27	28 24	31 13	32 16	45 14	46 24	33 25	30 24	32 21	32 18	29 15	21 6	18	22	20	23 13	21	14	19	27	27 15	27 22	32 22	38 15	38 25	27 16	21	17		28.0
WARREN	MAX M1N	30 20	32 24	33 28	32 25	33 22	32 20	45 20	46 29	36 26	35 26	35 25	33 23	30 21	23 10	24	23 12	23	25 15	21 5	18	19	29 18	27	2 9 2 3	31	3 8 2 6	36 25	27	25 13		27 -11	29.6 17.3

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	erages		Num	ber of de	ys with	precip	ntation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7,00 AM EST	1,00 PM EST	7,00 PM EST	Trace	.01–.09	10-49	-66 -09	1 00-1 49	2.00 snd over	Total	Percent of possible sunshine	Average sky cover sunrise to su
ALLENTOWN W8 AIRPORT	w	21	10.7	30++	W	20+	77	80	66	72	8	3	2	2	0	0	15	-	5.9
ER1E W8 AIRPORT	SW	24	15.9	33++	SW	24	84	82	76	82	2	14	13	0	0	0	29	-	9.2
HARRISBURG WB AIRPORT	W	28	9.3	31	W	25+	67	71	57	62	9	4	2	1	1	0	17	50	6.3
PHILADELPHIA WB AIRPORT	WNW	22	9.1	28	SW	8	75	78	62	70	5	3	3	1	0	0	12	60	5.7
PITTSBURGH W8 AIRPORT 2	WSW	35	11.0	32++	WSW	9	80	80	73	75	14	9	5	0	0	0	28	34	8.1
READING W8 CITY	W#		10.3	45	E‡	8	-	-	-	-	5	3	2	2	0	0	12	50	5.8
SCRANTON WE AIRPORT	SW	24	7.8	23	Ε	8	74	76	66	68	13	9	1	0	1	0	24	41	7.5
WILLIAMSPORT W8 AIRPORT	W	32	9.6	25++	W	9	74	79	63	70	13	3	3	1	1	0	21	-	7.3

<sup>‡</sup> TO 8 COMPASS POINTS ONLY

Station		-														Day		-								-					
POCONO MOUNTAINS 01	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MATAMORAS	SNOWFALL SN ON GNO			1.0	ŀ					ì			0.5	2 • 2	2	1	1	1	1	1.6	2	2	1	1	6.3	1.0		5	5	5	5
PLEASANT MOUNT 1 W	SNOWFALL SN ON GNO	1.5	0.5	2.0	T 4	T 4	T 4	3	2	0.5	1.7	1.0	1.5	0.4	T 6	T 6	T 6	6	1.0		T 9	T 9	T 9	9	5.0	1.5		12	1.8	13	13
CRANTON WB AIRPORT	SNOWFALL SN ON GNO WTR EOUIV	T 1		0.6	T	0.1 T	T		0.2	0.3	0.3 T	т	1.2	T 1	1	T 1	0.1 1	1	1.3	0.2	1	0.1	T 1.	5.2	1.0			. 4	-	5	
EAST CENTRAL MOUNTAINS 02																															
LLENTOWN WB AP	SNOWFALL SN ON GNO WTR FQUIV	T	0.4	T T		T			T	Т	Ť		2.6	3	2 . 1		1	T 1	1.7	2 . 1	2	7 2 .1	2 . 1	5.2	0.7	6	5		5	4	. 3
SOUTHEASTERN PIEOMONT																															
EORGE SCHOOL	SNOWFALL SN ON GNO	Т											1.5	0.5	T_1	1.0	2	2	T 2	0.4	2	2	2	2	7.0	7	7	6	5	5	5
OLTW000	SNOWFALL 5N ON GNO										т		3.0	T 1	T	T	Т	T	T	2.0	1	1	1	1	8.0	7.	6	6	5	5	4
ANCASTER 2 NE PMP STA	5NOWFALL 5N ON GNO									Т			2.0		0.3	Ţ			1.3	0.3	1	1	1	7.0	7	7	6	1.0	5	5	4
HILAOELPHIA WB AP	SNOWFALL SN ON GNO WTR EOUIV	T	T							Т			1.8		0.7	Ţ	т		0.3 T	т	Т	Т	т	5.2	T 5	T 5	.3	7	1	1	1
EADING WE CITY	SNOWFALL 5N ON GNO		0.2			т				0.1			1.7	1	1	1	1	1	1.3	T 2	1	τ 1	1	6.8		Т 5	4	0.2		3	3
LOWER SUSCUEHANNA 04													ľ	i	Ĭ																
ARL1SLE	SNOWFALL SN ON GNO		T T	Т					T				2.0	2	1	1			3.0	3	3	3	2	7.0	1.0	8	6	4	4	4	4
ANOVER	SNOWFALL SN ON GNO			T									2.0	т					T	2.0	т	т			8.0	5	4	2	1	1	1
ARRISBURG W8 AP	SNOWFALL SN ON GNO WTR EOU1V	T	0.2	Т	Т	T			T	0.4	т	T	1.9	1	1	т	т	Т	3.0	0.1 3 .5	2 . 4	1	1	0.1		T 8 1.0			5		5
11PPEN5BURG	SNOWFALL SN ON GNO		T	0.5		Т				1.0			2.0	т	т	Т	т	T	3.0	2	2	2	2	7.0	1.5	7	6	4	4	3	3
*1DOLE SUSCUEHANNA 05																															
NGL15H CENTER	SNOWFALL SN ON GNO	-	:	:	:	:	:	:	:	:	:	:		:	-	:	:	-	-	-	:	:	Ξ	:	-	:	:	:	:	:	:
EW15TOWN	SNOWFALL SN ON GNO			0.8									2.0	2	1	1	Ť	Т	0.8	0.8	1	1	1	1	5.2	6	5	3	2	2	2
EWPORT	SNOWFALL SN ON GNO	-	- T	- 1	-	-	-	-	-	-	-	-	- 3	- 2	- 2	-	-	-	- 1	1.0	- 1	- 1	:	:	- 8	- 7	- 6	- 5	- 4	- 4	• 3
DWER CITY 2 E	SNOWFALL SN ON GNO	1	1	1.0	1	т	т				0.8	т	2.2	0.5	3	2	2	2	1.2	1.5	5	5	5	4	6.5	10	10	8	8	8	8
ILLIAMSPORT W8 AP	SNOWFALL SN ON GNO WTR EOUIV	0.3 T	1.5 T	0.9	Ţ	Ť	т		1.2	Ť	T T		2.1	T 2	1	T 1	T 1	T 1	2.1	0.1	3	T 3	2	6.8	0.2	0.1	7			3 . 4	3
JPPER SUSQUEHANNA 06																															
USTINBURG 2 W	SNOWFALL 5N ON GNO	1.0	3	Ť 3	Ť 3	3	3	2	2	7 2	7 2	2	1.0	3	3	7	T 3	T 3	T 3	2.0	T 5	T 5	T 5	5	4.0	9	9	6	2.0	T 8	8
ANTON 1 NW	SNOWFALL SN ON GNO.	7 5	5	T 5	5	4	3	2	2	1.0	7 2	2	1.0	0.4	2	2	2.0	4	0.4	1.0	5	5	4	4	4.3 8	T 8	7	6	1.0	T 6	T 6
AWRENCEVILLE 2 S	SNOWFALL SN ON GNO	3	T 2	7 2	T 1	T 1				Т	T	T	1.4	1	1	1	1	1	1.0	0.5	3	3	3	2.0	1.5	T 5	3	0.6		T 3	T 3
DNTROSE	SNOWFALL SN ON GNO	1.5	0.5	2.5	T 5	4	T 3	2	1	3.0	0.5	1.3	1.5	1.0	4	T 4	T 4	4	1.0	2.5	0.1	0.2	T 8	T <sub>B</sub>	5.6	0.8			1.8		T 10
DWANDA 1 ESE	SNOWFALL SN ON GNO	Ť 2	1 2	0.7	T 1	1	1	1	1		T	T	1.0	0.3	1	1	1	1	т 1	0.7	T 2	T 2	2	2	4.5	T <sub>6</sub>	T 6	4	1.5	1.0	T 5
CENTRAL MOUNTAINS 07																															
J 8015 7 E	SNOWFALL SN ON GNO	1.0	0.5	2.0	0.5	T 3	3	1	T 1	1.5	4.0	5	3.0	8	8	1.0	1.0	8	2.0	2.0	T 11	11	1.0	3.0	2.0	13	9	T 8	2.0	10	10
EO1x RUN	SNOWFALL 5N ON GNO	0.3	0.3	1.6	0.6	0.1	T 1	T 1	т	0.5	0.8	0.4	1.5	0.4	T 3	T 3	0.3	0.6	0.9		0.1	0.3	T 6	T 6		0.4	0.1			T <sub>B</sub>	7 8
HIL1P58URG FAA AP	SNOWFALL SN ON GNO	0.1 T	0.3	1.8	0.1		4	3	5.0	1.0	0.4	0.8	3.5	0.1	0.1	0.2	0.1	0.1	1.5	0.3	0.1	0.3	0.1	6.0	0.2	0.3	15	0.3	0.7	0.1	0.1
SOUTH CENTRAL																															
ARROLLTOWN 2 55E	SNOWFALL SN ON GNO	2.0	7 5	2.0	1.0	T 6	T 4	3	1	4.0	5.0	1.0	3.0	1.0	В	T <sub>B</sub>	т 8	-T B	1.0	6.0	1.0	1.0	12	T 12	T 17	T 17	T 15	T 10	1.0	T 11	1.0
VERETT 1 5W	SNOWFALL SN ON GNO	-		-	:	:	:	-			-	-	-	:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SNOWFALL		0.3			0.4			1.0				2.0		- T	т .	T	- T	0.8	T	7	- T		5.0	T	т Т		- T	- T	т	т_

Station																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
SOUTHWEST PLATEAU 09																																
DONEGAL	SNOWFALL SN ON GNO	:	:	:	-	:	:	:	-	-	:	:	:	-	-	:	:	-	:	-	:	:		:	-	:	:	-	:	:	:	
ORO CITY 4 5 DAM	SNOWFALL SN ON GNO			3.0		† 2	T 1	т	Т			T 4			2	T 2	T 2	2	2.0	1.0	T 5	1	5	T 5	6.0	T 10	T 10	7	T 5	T 5	7 5	
REENSBORD LOCK 7	SNOWFALL SN ON GNO			T	T							T 2				Т		T	T	0.3	Ť	T		T T	5.5	5	4	1	T 1	1	T 1	
NOTANA 3 SE	SNOWFALL SN ON GNO		2	1.8		1	1	1	T		1.5		2.0	2	2	† 2		0.2	2.5	2.0	0.1	0.5	6	T 6		0.2	T 12	5	0.5	0.8		
1TTSBURGH WB AP 2	SNOWFALL SN ON GNO WTR EOUIV	2	2	0.4	2	T_1	T		0.3 T		3	2.5	3	T 2	2	0.4	2	0.9	5	0.2	T 4	T 4	T 4	3	7		5 . 7	0.2	2		2	
SLIPPERY ROCK	SNOWFALL SN ON GNO	3	3	- 3	3	3	3	3	3	3	- 2	2.0		3	3	3	3	3	2.0		8	8	8	6	3.0	4	4	4	1.0	5	5	
AYNESBURG 1 E	SNOWFALL SN ON GNO			0.3		Ť T	т					0.2		1	т	T	T T		0.6		1	1	1	0.5	6.0		6	3	T 3		0.2	
NORTHWEST PLATEAU 10																																
BRAOFORO FAA AIRPORT	SNOWFALL SN ON GNO					7					0.8	T 6	4.2	T 10	T 10	3.0	5.0	2.0	2.1	1.4	0.6	0.1	T 18	3.0	0.3	0.7	22	1.3				
BRAOFORO 4 W RES	SNOWFALL SN ON GNO					T 6	5	4	2	2.0	1.0		1.0	T 5	5						1.0					3.0	14	1.0			1.0	
ORRY	SNOWFALL SN ON GNO					8	T 7	5	T 2	1.5	4.0		2.5	0.5	1.0	8.0		3.5	5.0	4.5	6.5	2.5		3.5		4.0	16	1.5			1.0	
U BOIS FAA AIRPORT	SNOWFALL SN ON GNO			0.5	0.3	7	T 9	8		1.0		0.1			T 11	T 11	0.6	T 12	2.0		T 15	T 16	T 16	6.0		1.0	23	1.0			19	
RIE W8 AIRPORT	SNOWFALL SN ON GNO WTR EOUIV		3	3		- 4	2 . 1	1	0.8	2.8 T	3	2	3	4	4	11	9	7	8	10	1.8 14 1.3	9	9	5	7	9	8		8	11	13	ı
SALETON	SNOWFALL SN ON GNO		0.3		3	3	3	3	3		0.5		2.0	5	5	4	0.3	0.3	0.7		5	4	3			0.3		10		0.7		
ANE 1 NNE	SNOWFALL SN ON GNO		0.5			Т 7	7	6	5		3.0	Т,				1.5	1.5	1.0	1.5	5.0	0.5	1.0	T 14			3.0				1.0	T 15	
EAOVILLE 1 5	SNOWFALL SN ON GNO			4.0			T 3	2	1	0.2	3.5	1.1				2.0	2.0	2.0	2.3	6.8	3.0	7.0	0.3	T 10		1.5		Т 8			1.0	
TIONESTA 2 SE DAM	SNOWFALL SN ON GNO						3	2	1			Т_4			7 5		0.5				0.5					2.0			2.0	T 9		

### DAILY SOIL TEMPERATURES

																				~													
																Day	of mo	nth															rage
STATION AND DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ERIE CO FIELO RSCH LA8																																	
8 INCHES	MAX		38 38					38 37											36 36														36.7
LANOISVILLE 2 NW																																	
2 INCHES	ВАМ	34	33	33	32	32	33	32	32	33	32	31	31	31	32	32	31	31	30	29	29	29	29	29	28	27	26	28	28	26	27	27	30.2
STATE COLLEGE 2																																	
2 INCHES	MAX		40 35	40 37	39 35	40 35	38 35												33 31			30 26				32 32	33 32						34.6
4 INCHES	MAX MIN		40 37						37 35										33 32		30 29		31 28	31 29									34.8
8 INCHES	MAX MIN							40 38		39 39	39 38		38 37						35 34														37.8 36.8
12 INCHES	MAX MIN			43 42		42 41				40 40	41 40		40 39	40 39	40 3 <b>9</b>	39 38		38 37	37 36		36 36			35 34		35 34	35 34						37.1 36.4
16 INCHES	MAX MIN	47 45		45 44	44		44		43 42	42 41	42 41								39 38		39 38			37 37	37 36	37 36							40.5
20 INCHES	MAX	48 46	46 45	46 45	45 45	45 44	44	44 43	44 43	43 42	43 42								40 39		39 39			38 38	38 38	38 37	38 37			38 37			41.3

ERIE CO FIELO RSCH LAB - MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.

SLOPE OF GROUND; FLAT. SOIL TYPE; LAKE TERRACE CLASSIFIED AS CONDITON GRAVELLY LOAM. GROUND COVER. RYEGRASS AND NATIVE WEEDS, MOWED SEVERAL TIMES EACH SEASON. INSTRUMENTATION; TAYLOR RECORDING THERMOMETER.

- SLOPE OF GROUND, GENTLE SLOPE TO THE WEST. SOIL TYPE: DUFFIELD CLAY LOAM. GROUND COVER: PERMANENT ELUEGRASS SOO WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION: WESTON ELECTRIC SOIL THERMOMETER. LANOISVILLE 2 NW

STATE COLLEGE 2

- MAX AND MIN FOR 24 HOURS ENDING AT MIDNIGHT.
SLOPE OF GROUND: GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE: HAGERSTOWN SILT LOAM. GROUND COVER: KENTUCKY BLUEGRASS
KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION: COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING
POTENTIOMETER.

## CLIMATOLOGICAL DATA

PENNSYLVANIA DELAYED DATA

				Tem	perat	ure											Preci	pitation					
										1	۷a. of	Oay	3					Sno	w, Sleet		2	o. of	f Ooys
Station	• E	e E		Deporture From Normol					e Doys	М	gx.	М	in.		Deporture From Normol	Greatest Doy			Depth		More	More	or More
	Average Maximum	Averoge	Averoge	Deport From N	Highest	Dote	Lowest	Dote		90° or Above	32° or Below	32° or Below	0° or Below	Totol	Depor	Greate	Dote	Total	Mox Depth on Ground	Dote	.10 or	.50 or	1.00 %
JUNE 1963																							
HUNTINGDON	80.9M	54.4M	67.7M	- 1.1	92	28+	40	23+	46	4	0	0	0	3.19	57	.61	11	.0	0		8	3	0
JULY 1963																							
EAGLES MERE HUNTINGDON	75.6M M	56.9M M	66 • 3M M		86	2	39 44	9 10+	50	0	0	0	0			•96	20	•0	0				0
AUGUST 1963																							
FREELAND HUNT I NGDON	74.7 81.1M	58.5 54.1M	66.6 67.6M	~ 1.8 - 3.5		23+		25 27+	25 27	0		0	0			1.30	2	•0	0				0
OCTOBER 1963																							
STOYSTOWN	70.6	38.5	54+6		81	19	29	30	315	0	0	8	0	-14		•14	28	•0	0		1	0	0
NOVEMBER 1963																							
HUNTINGDON	56.3M	37.0M	46.7M	5.0	75	18			549	0	0		0	4.86	1.84	1.38	30	•0	0		5	4	2

### DAILY PRECIPITATION

	al														Day	of M	onth																
Station	Total	Г	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JUNE 1963								1																									
HUNTINGOON	3.	19				.33	.03	.05		.03		.49	.61			T	.28	Т					.20							.10	.55	.52	
JULY 1963																																	
COOKSBURG EAGLES MERE HUNTINGOON	iv 5.		•17	Т	.23 .05 1.33				т	.06 .11 .25	т		T _	-07	.75	T _	•50 •35	-	_	T • 33	~	.96	•35 •	-50	15 T	•05	-	-	-	-	Ξ	* <sup>78</sup>	-
AUGUST 1963																																	
FREELAND HUNTINGOON	-			1.30		.30 .41	•20					•20				•22				.10		•20 •13	.05								-04		.11
OCTOBER 1963																																	
8ARNES COOKSBURG KRESGEVILLE 3 W STOYSTOWN	:	46 53 68 14			.03	.04 .05 .68																							Т	•42 •45			
NOVEMBER 1963																																	
AUSTIN HUNTINGDON TURTLEPOINT 4 NE	4.	86	.05		•13 •35			.05	.96 1.35	.60 .92 1.22	.03	T	•16 •04	T .03	.16 .05		T T				+02		.02		.25 .50	.09					.45	1.71 1.38 I.84	

### DAILY TEMPERATURES

																Day (	Of Mo	nth					-										Averago
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
JUNE 1963																																- 1	
HUNT I NGDON	MAX MIN	78 44	80 47	75 59	73 59	73 62	78 62	85 62	85 62	76 62		91 63		57 54	80 55	77 53	77 45	71 45	81 47	84 49	84 50	85 50	70 40	74 40	85 49			92 59		89 68	88 68		80.9 54.4
JULY 1963																																	
EAGLES MERE	MAX MIN		86 69	84 58	68 46	70 48	76 50	75 51	73 53	72 39	68 49	66 52		77 56	75 57	67 55	71 59	78 58	78 62	80 63	84 63	73 60		76 61	75 60		83 63						75.6 56.9
HUNT I NGOON	MAX MIN		94 69	9 <b>0</b> 64	77 45	82 45	83 45			80 44	71 44																						
AUGUST 1963																																	
FREELANO		69	81 63	80 74	78 60	77 55	78 64	72 59	75 63	76 60	74 59	76 61	76 61	74 67	71 51	76 49	71 59	72 52		75 56	67 57	80 57	80 57	81 62	77 56			73 53	75 55	63 58	77 59	76 67	74.7 58.5
HUNTINGDON	MAX MIN	84 62	82 60	85 60	85 62	83 54		85 50	74 60			80 56	8 2 5 2	87 52	82 59	73 48	71 46	80 46	83 58	75 46		79 61	83 62	85 58			86 43	78 43	81 50			85 65	81.1 54.1
OCTOBER 1963																																	
STOYSTOWN	MAX MIN	60 35	72 41	75 43	68 45	62 31	74 31	80 35	80 51	63 35	65 34	70 36	75 38	64 30	65 31	73 32	75 33	76 31		81 44	80 42		76 42	63 46						60 37	47 29	45 30	70+6 38+5
NOVEMBER 1963																																	
HUNT I NGDON	MAX MIN		56 34	46 40	43 26	59 26	66 42	54 42	56 48	54 48	51 38	62 40	60 34	50 32	41 32	45 37	50 34	60 47	75 45	73 47					64				59 28	59 31	53 34		56.3 37.0

	-			<b>↔</b>	ы	2	OBSE	RVATI	ON						[0]		OBSE			1963
	STATION	INDEX NO.	COUNTY	DRAINAGE	LONGITUDE	ELEVATION		E AN ABLES	SPECIAL O	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE	LONGITUDE	ELEVATION		E AN		OBSERVER
	CMETONIA LOCK 3 LLENS MILLS LLENTOWN WB AP LLENTOWN GAS CO LTOONA HORRESHOE CURVE LVIN R BUSH DAM POLLO 2 W RENDISVILLE USTIN BUSH DAM USTINBURG 2 W	0099 0106 0111 0134 0147 0204 0229 0310 0313	CLINTON WESTMORELAND ADAMS POTTER TIOGA	1 40 32 1 41 12 9 40 39 9 40 36 6 40 30 16 41 22 7 40 35 15 39 55 16 41 38 15 42 00	79 49 78 SS 75 26 75 28 78 29 77 S6 79 36 77 18 78 OS 77 32	254 1500 930 1060 710 1330 1590	MID H 7A 6P	7A 1D 7A 6P 8A 8A 7A	нл	CORPS OF ENGINEERS CHARLES HA ALLEN U.S. WEATHER BUREAU LENIGH VALLEY GAS OIL. ALYONA MATER BUR. ALYONA MATER BUR. ALYONA BUSH DAM EUGEME R. YOUNG PA. STATE COL. EXP.STA. MRS. BEITY H. MOREAN OTTO D. BACON	KRESGEVILLE 3 W LAKE MINISINK LAKEVILLE 1 NNE LANCASTER 2 NE PUMP STA LANCASTER 2 NE FILT PL LANDISVILLE 2 NW LAUBELTON STATE VILLAGE LAWRENCEVILLE 2 S LEBANON 4 WNW LEBANON 3 SW	4733 4758 4763 4778 4853 4873 4893	CARBON PIKE WAYNE LANCASTER LANCASTER UNION TIOGA LEBANON LEBANON	9 40 5 5 41 1 5 41 2 15 40 6 15 40 6 15 40 6 15 40 6 15 40 6	3 75 03 7 75 16 3 76 17 7 76 26 4 77 13 9 77 07 1 76 29	72 136 144 25 27 36 87 100 59	7 7 7 7 7 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6	A A A P	н	CITY OF BETHLEHEM MRS. GLADYS REINEKE LANCASTER WATER BUR. LANCASTER WATER BUR. PA. STATE COLLEGE PA. DEPT. OF WELFARE HARRY P. HOULAND LEON MILLER THOMAS DOMMACHIE
	ARERSTOWN 3 WNW ARRIES EAR GAP EAVER FALLS EAVERTOWN ECHTELSVILLE ELLEFONTE 4 S ERNE ERWICK ETWLEHEM	0409 0457 0475 0482 0488 0530 0599 0611 0629	ALLEGHENY WARREN NORTHUMBLAND BEAVER SNYDER BERKS CENTRE BERKS COLUMBIA NORTHAMPTON	1 40 39 1 41 40 15 40 50 2 40 46 15 40 45 14 40 22 16 40 51 14 40 31 15 41 04 9 40 37	79 59 79 02 76 30 80 19 77 11 75 38 77 47 76 00 76 15 75 23	1230 1310 900 760 590 400 1110 325 570 240	8A 6P	3P 7A 3P 7A 7A 7A 8A 8A 6P 8A		POM- CUT FLOWER CO- CORPS OF ENGINEERS ROARING CREEK WATER CO- HOWARD R. KEMP GUT F RITTER PAUL W. FISHER ROCKVIEW PRISON FARM FLOYD W. TRUMP BERWICK IND DEV ASSO IN CITY OF BETHLEHEM	LEHIGHTOM LE ROY LEMIS RUN 3 SE LEMIS TOWN LOCK HAVEN LOCK HAVEN 2 LOMG POND 2 W LYNCH MADERA MAHAFFEY	4972 4984 4992 5104 5109 5160 5275 5336	CARBON BRADFORD MC KEAN MIFFLIN CLINTON CLINTON MONROE FOREST CLEARFIELD CLEARFIELD	9 40 9 15 41 4 1 41 3 6 40 3 16 41 0 9 41 0 1 41 3 1 6 40 3 1 6 40 3	1 76 43 0 78 39 5 77 35 9 77 28 8 77 27 3 75 30 6 79 03 0 78 26	58 104 174 48 64 63 186 129 146	0 7A 7 0 7A 7 0 7A 7	A A A A A A A	C H	GOODWIN S. DEFREHN LEAMON M. BAUMAN RUSSELL LINEMAN AMERICAN VISCOSE CO. ROBERT JOHNSTON HUGH F. PARKER THOMAS MECKES CORPS OF ENGINEERS MRS. JULIA J. SMOFF MISS ELLEM J. MILES
	ETHLEHEM LEHIGH UNIV LAIRSVILLE 6 ENE LAKESLEE CORNERS LOSERVILLE 1 N OSWELL 1 SW RAODOCK LOCK 2 RAOFORD FAA AIRPORT RADFORD ONTRL FIRE STA RADFORD 6 W RES	0725 0736 0743 0763 0821 0861 0865 0867	NORTHAMPTON PERRY 1NDIANA MONROE CUMBERLAND SOMERSET ALLEGHENY MC KEAN MC KEAN MC KEAN	9 40 36 15 40 20 4 40 27 9 41 06 15 40 16 1 40 09 10 40 24 1 41 48 1 41 57 1 41 57	75 22 77 31 79 09 75 36 77 22 79 02 79 52 78 38 78 39 78 44	750 2048 1650 650 1810 725	MID M	8A 7A 7A 1D	н	LEHIGH UNIVERSITY PA. OEPT. FRST. + WTRS. U.S. WEATHER BUREAU WALTER WILDRICK MRS. BESSIE M. WILLIDERS MRS. ESSIE M. WILLIDERS CORPS OF ENGINEERS FED. AVIATION AGENCY BRADFORD FIRE DEPT. BRADFORD FIRE DEPT.	MAPLE GLEN MAPLETON DEPOT MARCUS MODK MARIENVILLE MARJON CENTER 2 SE MARTINSBURG FAA AP MATAMORAS MC CONNELLSBURG MC KEESPORT MEADOW RUN PONDS	5381 5390 5400 5408 5454 5470 5526 5573	MONTGOMERY HUMTINGDON OCLAWARE FOREST INDIANA BLAIR PIKE FULTON ALLEGMENY LUZERNE	5 40 1 6 40 3 5 39 4 1 41 4 6 40 3 5 41 4 12 39 1 10 40 3 15 41 1	77 56 9 75 25 8 79 07 5 79 02 8 78 19 2 74 42 6 78 00	173 161 147 43 91	0 6P 7 6 M10 M1 9 5P 1 5	A D	E H	FRANCES E. SCHEIBNER MRS. 1. S. BUCHANAN SUN DIL CO. WILLIS M. SPAIRS CORPS OF ENGINEERS FED. AVIATION AGEMCY HARRY BISLAND DAVID W SHIVES JR U S CORPORATION GEORGE PEARAGE
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	REEZEWOOD RUCETON 1 S UCKSTOWN 1 SE UFFALO MILLS UFGETTSTOWN 2 W URNT CABINS 2 NE UTILER UTILER SUBSTATION ANP KLINE ANTON 1 NW	1033 1073 1087 1105 1115 1130 1135 1203	BEDFORD ALLEGHENY SOMERSET BEDFORD WASHINGTON HUNTINGDON BUTLER BUTLER LYCOMING BRADFORD	6 40 00 10 40 18 4 40 04 6 39 57 11 40 23 6 40 05 2 40 52 2 40 51 16 41 19 15 41 40	78 14 79 59 78 50 78 39 80 26 77 52 79 54 79 53 77 17 76 52	1352 1065 2460 1318 980 990 1100 1140 590 1520	7A 5P 8A	1D 7A 8A 7A 5P 8A	н	PA. TURNPIKE COMM- US BUREAU OF MINES ALVIN W. MANGES CLIFFORD C. ADAMS SMITH TWP. MUN. AUTH- PA. TURNPIKE COMM- WALLACE A. LOZA WEST PENN POWER CO- LESLIE D. DOWLING MRSMILDRED SPENCER	MEADVILLE 1 S MEDIX RUN MERCER COUNTY HOME MERCER HIWAY SHED MERCERSBURG MERWINSBURG MEYERSALE 1 W MILAN 2 N MILANVILLE MILLERSBURG 2 E	5627 5651 5654 5662 5676 5686 5731 5738	CRAWFORD ELK MERCER MERCER FRANKLIN MONROE SOMERSET BRADFORD WATNE DAUPHIM	17 39 4 15 41	7 78 24 5 80 15 4 80 15 9 77 54 8 75 28 5 79 02 6 76 31 0 75 04	125 61 98 196	0 5P 8	IA IA	H H C C C	CITY OF MEADVILLE MRS.E, M. SKYDER CARL KANE PA. DEPT. HIGHWAYS MRS ROBERTA C GILBERT ARTHUR A. SMITH E T C SNYDER RICHARD GLDSENGER CHARLES W. DAVIS RUSSELL SMEPLEY
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00000	ONNELLSVILLE 2 E ONSHOHOCKEN ONKSHURG ORAGPOLIS NEVILLE IS ORRY OUDERSPORT 3 NO OUDERSPORT 6 E OVINCTON 2 WSW REEKSIOE REESSON 2 SE	1737 1749 1773 1790 1806 1809 1833 1881	FAYETTE MONTGOMERY CLARION ALLEGHENY ERIE POTTER POTTER TIOGA INDIANA CAMBRIA	17 40 01 5 40 04 1 41 20 11 40 30 1 41 55 1 41 49 16 41 45 15 41 44 1 40 41 6 40 27	79 33 75 19 79 13 80 05 79 39 76 03 77 53 77 07 79 12 78 34	1300 70 1180 720 1440 2020 2533 1745 1030 2540	6P 7P	8A 8A 8A 6P 8A 7A 7A	н	HARRY C. JOY PHILM. ELECTRIC CD. PA. DEPT. FRST. + WTRS. SHEMANGO INC RICHARO T. H MONTAIN MISS ELIZABETH NEFF FEED IRISM CALVIN R. PACCARD MRS. MELVIN P. THOMAS FREO M. PLEMPEL	NORTH EAST 2 SE ORWELL 2 NW PALM PALWERTON PARKER 1 PARKER 1 E PAUPACK 2 NNW NPMIL DREXEL 1MST OF TEC PMILADELPMIA MB AR PHILIPSOURG FAA AP	6622 6681 6689 6721 6724 6762 6879 6889	ER1E BRADFORD MONTGOMERY CARBON ARMSTRONG CLARION PIKE PHILADELPHIA PHILADELPHIA CENTRE	5 41 14 39	5 76 18 6 75 32 8 75 37 15 79 41 76 79 40 75 14 77 75 11	114 110 136	0 8 5 8 5 M10 M	A ID	С С Е НЈ	ELLSWORTH WEAVER ELMER T. MOORE MRS HELEN ESCHBACH NEW JERSEY 21MC CD. LOUIS A. HALARKEY P. M. NEELY MISS L. VETTERLEIN FRANCIS K. DAVIS. JR. U.S. WEATHER BUREAU U.S. WEATHER BUREAU
000000000000000000000000000000000000000	ANVILLE ERRY EVAULT 1 W INGMANS FERRY IXON ONEGAL ONORA OYLESTOWN RIFTWOOD I BOIS FAA AIRPORT	2108 2116 2160 2171 2183 2190 2221 2245	MONTOUR WESTMORELAND CHESTER PIKE WYOMING WESTMORELAND WASHINGTON BUCKS CAMERON JEFFERSON	15 40 58 4 40 20 14 40 05 5 41 13 15 41 32 17 40 07 10 40 10 5 40 18 16 41 20 1 41 11	76 37 79 18 75 33 74 52 75 57 79 23 79 52 75 08 78 08 78 54	430 750 1746 900 358 880	6P M M1D M 7A MID M 5P	7A 5		MRS. MARIE H. LITTLE MISS N. DIXIE WINEMAN PA. TURNPIKE COMM. THOMAS A. HOTALEN HAROLD J. KUSCHEL PA. TURNPIKE COMM. THEODORE F. MATHUES KARL W HISTANO SIDNEY KENNEDY FED AVIATION AGENCY	PHOENIXVILLE 1 E PIKES CREEK PITTSBURGH WB AP 2 WPITTSBURGH WB CITY PLEASANT MOUNT 1 W PORT CLIMTON POTTSVILLE PUNKSUTANNEY PUTHETVILLE 2 SE DAM OUAKERTOWN 1 E	6939 6993 6997 7029 7116 7161 7217 7229	CHESTER LUZERNE ALLEGHEMY ALLEGHENY WAYNE SCHUYLKILL SCHUYLKILL JEFFERSON ARMSTRONG BUCKS	14 40 15 41 11 40 11 40 15 41 40 11	8 76 08 10 80 13 17 80 00 14 75 27 15 76 02 12 76 11 17 79 00 15 79 17	132 113 74 180 49	7 MID MI 9 MID MI 0 BA 6 0 7A 0 0 BA 6	ZA.	H H	PHILA. SUB. WATER COMM. HARRY SHELDON U.S. WEATHER BUREAU U.S. WEATHER BUREAU WILLIAM POLIVKA MRS. ADA E. RARICK LLOYD E. WELLER CARL E. ROTOLO COMPS OF EMSIMEERS DEMMIS K. FLUCK
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W  -	OLLISTERVILLE OLTWOOD OME OME OMESOALE 4 NW OMESOALE 5 NNW OMESOALE 5 NNW OMESOALE 5 NNW OMESOALE 5 NNW OMESOALE 6 NNW OMESOALE 6 NNW OMESOALE 6 NNW OMESOALE 6 NNW OMESOALE 7 NNW OMESOAL	4019 4027 4043 4044 4047 4066 4159 4166	WAYME LANCASTER INDIANA WAYNE WAYNE CHESTER SUSOUEHAMNA HUNTINGDON CUMBERLAND BEOFORO	5 41 23 15 39 50 1 40 45 5 41 37 5 41 39 5 40 06 15 40 30 15 40 06 12 39 49	75 26 76 20 79 06 75 19 75 17 75 56 75 43 78 01 77 18 78 44	1360 187 1220 1410 1050 700 900 670 610 960	MID I	7A. 7A. 7A. 7A. 7A.	н	PA. POWER + LIGHT CO. PA. POWER + LIGHT CO. MRS. EDNA M. BUSH GEORGE C. MILLIAMS FRIEND E. WALTER S. H. KURTZ JOSEPH J. SANAUSKAS JAMES R. GIEMGER METRO P. DOROSH DOMALD LEHMAN	TAMAQUA 4 M DAM TIDNESTA 2 SE DAM TITUSVILLE 71TUSVILLE WATER WORKS 708YHAMA TORPEDO 4 W TOWANDA 1 ESE 70WER CITY 2 E TROY	8873 8885 8888 8893 8901 8905	SCHUYLKILL FORES7 CRAWFORD CRAWFORD MONROE WARREN BRAOFORD SCHUYLKILL BRADFORD	14 40 1 41 1 41 1 5 41	19 79 26 18 79 40 18 79 42 11 75 25 17 79 32 15 76 25	122 195 173	0 8A 8 0 7P 0 5P 5 7P	7P 7A 7A	C H C H	PANTMER VALLEY WIR. CO. COMPS OF EMGINEERS PA. ELECTRIC CD. CITY OF 717USVILLE MRS. JULIA GRADY MRS. LILY 8. GARBER LEVERN ROOT LEVERN ROOT LEVERN ROOT LEVERN BOOMAM JEMNIE L. BALLARD
	NDIANA 3 SE ACKSON SUMMIT AMESTOMN 2 NW ERSEY SHORE OMNSTOWN OMNSTOWN 2 ANE 1 NNE ARTHAUS EGG ITTANNING LOCK 7	4214 4304 4325 4363 4385 4390 4432 4450 4481	1NOIANA TIOGA CRAWFORD LYCOMIMG CAMBRIA CAMBRIA	4 40 36 15 41 57 2 41 30 16 41 12 4 40 20 4 40 19 1 41 41 16 41 07 6 39 59 1 40 49	79 07 77 01 80 28 77 15 78 55 78 55 78 48 78 07 78 43 79 32	960	8A 9	8A 7A 1D	н	CLYMER WATER SVC. CD.  ARCHIE LAIN PA. DEPT. FRST. + WTRS. GEGRGE R. WAODELL JOHNSTOWN RIBUNE CITY OF JOHNSTOWN ROBERT K BRADFORD PA. TURNPIKE COMM. CORPS OF ENGINEERS	TUNNELTON TURTLEPOINT & NE TYRONE 4 NE BALD EAGLE UNION CITY FILT PLANT UNIONTON VANOERGRIFT VIRGINVILLE MARREN MASMINGTON WATSOMTOWN	8989 9002 9024 9042 9050 9128 9196 9298 9312	INDIANA MC KEAN BLAIR ERIE FRYETTE WESTMORELAND BERKS WARREN WASHINGTON NORTHUMBERLAI	4 40 1 41 6 40 1 41 10 39 7 40 14 40 1 41 11 40	79 23 54 78 16 53 78 12 55 79 48 56 79 33 56 79 33 57 79 68 51 79 68	102 140 104 80 35	0 0 0 0 6 0 0 7 0	7A  7A  7A 5P 7A  9A 7A	u . wu	MRS. MARY E. WEIMER ROBERT D. STRAIT FREOERICK L. FRIDAY HARDLD W. MAMMOND MM. W. MASTELLER UNITED ENG. + FNORY-CO- MRS. MARY M. WRIGHT GILBERT H. REIER PA. DET? HIGHWAYS WILLIAM BIRD

### STATION INDEX

PENNSYL VANIA

STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	T	SERV IME TABI	AND		OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION		SERV TAB	ANI	OBSERVER	
MATNESHURG 1 E eEDSTER MILLS 1 5W WELLSHOORD 3 S WEST CHESTER WEST GROVE 1 SE WEST MICKORY WHITESBURG WILKES-BARRE W-BARRE-SCRATON WRAP EILLIANSBURG	9380 9408 9464 9503 9507 9655 9702 9705	GREENE FULTON TIOGA CMESTER CHESTER FOREST INDIANA LUZERNE EVZERNE BLAIR	12 16 5 1 1 15	39 54 39 49 41 43 39 58 39 48 41 34 40 44 41 19 A1 20 A0 27	80 10 78 05 77 16 75 48 79 25 79 24 75 52 75 44 78 12	910 1920 440 450 1090 1320 610	BA BA HID	8A 8A 8A 8A	n n n n		BOROUGH OF WAYNLSBURG MRS. ODRA I. LYNCH MANION L. SYUMMAY OAILY LOCAL NEWS COMARD-PYLE CO. MRS. MELEN J. KINLAR MRS.TALMACE MILLER MRS.TALMACE MILLER MRS. MARY G. MIRMAK U.S. WEATHER BUREAU RODERT GUNNETT	CLOSED STATIONS EBENSBURG MPHILADELPHIA PT BREEZE SIZERVILLE NEW STATIONS BROOKSVILLE SEWAGE PL EBENSBURG SEWAGE PLANT	6899 B155	CAMBRIA PHILADELPHIA CAMERON  JEFFERSON CAMBRIA	16	00 29 39 35 01 36 A1 09 40 28	76 A3 75 12 78 11 79 05 78 A4	1230	MIC	7A MED 7A	K	CLOSED 9/30/63 CLOSED 4/30/63 CLOSED 4/30/63 RAY PDRD BERNARD KERCHENS	ske.
WILLIAMSPORT WE AP WIND GAP WOLFSOURG. TO SAW TOWN STA YORK 2 S FILTER PLANT YORK MAYEN YOUNGSYILLE ZION GROVE ZIONSYILLE 3 SE	9781 9823 9933 9938 9950 9956 9990		5 15 14 15 1	41 15 AU 51 40 03 39 55 39 56 40 07 41 51 AO 5A 40 28	76 99 75 18 76 32 76 45 76 45 76 43 76 13 76 13 75 27	327 765 1190 390 640 310 1225 940 680	5P	MID TA 5P 6A TA 8A	WW W W	MJ	U.S. WEATHER BUREAU MRS. MARY D. HOELZEL WALTER C. RICE YORK WATER COMPANY YORK WATER COMPANY METROPOLITAN EDISON CO. MERRY CARLETT JAMES O TETER LESLIE MOMATT	INACTIVE STATION TAMARACK 2 S FIRE TWR	B77°	CLINTON		71 2A	77 51	222				INACTIVE 9/61	

\* 1. ALLEGHENY 2. BRAVER 3. CONEMUNG 4 CONEMUNG 5. DELAWARE 6 JUNIATA 7. KISKIMINETAS 8. LAKE ERIE 9 LEHIGH 10. MONONGAHELA 11. OHID 12 POTOMAC 13 LAKE ONTARIO 14 SCHUYLKILL 15. SUSSUINKANNA 16 WEST BRANCH 17. YOUGRICHENY

Additional information regarding the climate of Pacesylvania may be obtained by writing to the State Climatologiet at Weather Sureau Airport Station, Harrieburg State Airport, New Cumberland, Pemporatwania 1700 or to now Weather Sureau Office near your

Figures and letters following the station name, such as 12 SSW, indicate distance to miles and direction from the post office.

Delaywd data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree daye for the 12 mooths ending with the preceding June data will be carried with the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed to the tables, either are missing or were received too late to be included in this lessu

Divisione as used to "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletic are: Temperature in \*F, precipitation and evaporation in inchws and wind movement in miles. Wonthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Emporation is measured to the standard Weather Bureau type pap of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max sod Wio in "Evaporation and Wind" table refer to extremes of temperature of water to pap as recorded during 24 bours ending at time of observation.

Normals for all stations are climatological standard normals based on the pariod 1931-1960,

Nator equivalent values published in the "Snowfail and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the anospack may revult in apparent inconsistencies in the record, Entries of snoefall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and elect. Entries of enow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Soow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations oo daylight saving time.

ioe oo ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA statioos. For these stations moce on ground values are at 7:00 m.m., E.S.T.

- In the Statico lndex the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following: C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later to "Mourly Precipitation Data" Bulletin. G "Soil Temperature' Table.

  B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month, J "Supplemental Data" Table.

- OFFICE REFERENCE NOTES

  No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no centry.

  Interpolated values for monthly precipitation totals may be found in the account issue of this publication.

  No record in the Supplemental Data" Table: "Daily Precipitation Table; "Daily Description and Wind" Table: "Daily Soil Temperature" Table: "Snowfall and Snow on Ground" Table; and the Station Index.

  And also on an earlier date or dates.

  Fastest observed one sinute wind speed. This station is not equipped with nutcontic wind instruments.

  Thermomental precipitation of the distribution unknown.

  Thermomentary are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

  Gage is equipped with a windsheld.

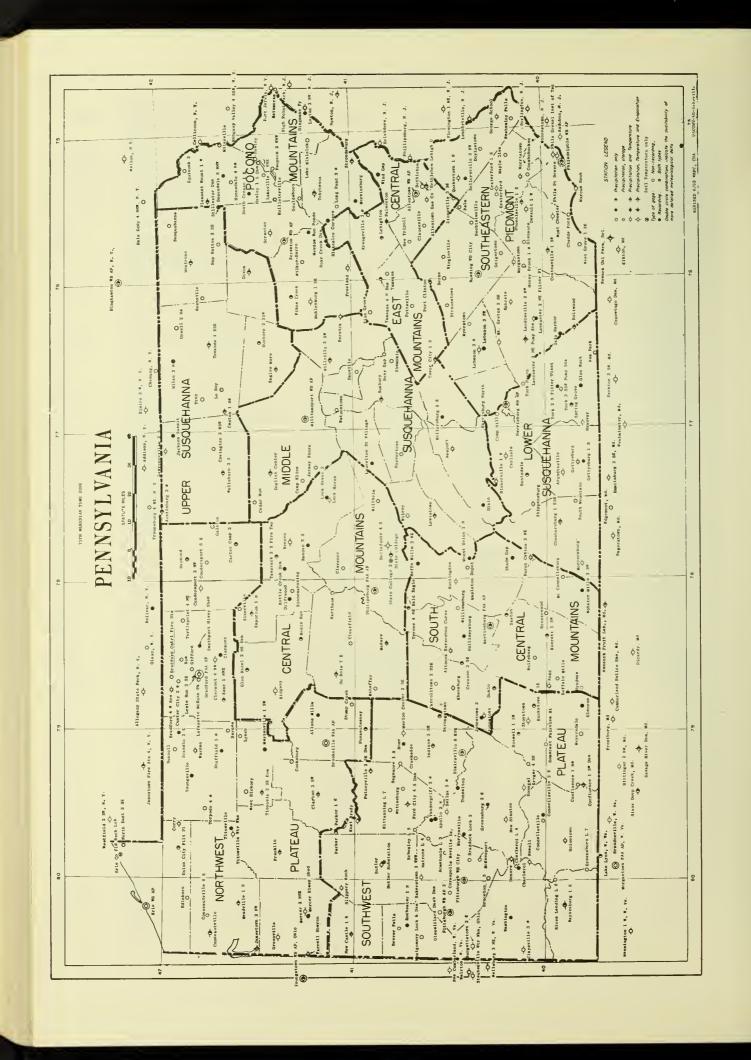
  No list of the second of th

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

loformation concerning the bistory of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation Ristory" for this state. That publication may be obtained from the Superintindent of Documents, Government Printing Office, Mashingtoo 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual insue of Local Climatiological Data for the respective stations, other data similared above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and anoual: \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and soney orders should be sade payable to the Superintendent of Documents. Resittance and correspondence regarding subscripting should be sent to the Superintendent of Documents, Government Printing Diffice, Washington, D. C. 2002

September 1950 Climatological Data Table Williamsport 4 E WB AP Correct as follows Average Max temperature 69.3; average temperature 60.6. Correct as follows Max 67° oo 5. Average maximum 69.3. September 1950 Daily Temperature Table Williamsport 4 E WB AP Aonual 1962 Statioo Iodex Tower City 2 E Statioo closed July 1962.



51.05 NP

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU

ROBERT M. WHITE, Chief

In Cooperation With
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS

# CLIMATOLOGICAL DATA

## PENNSYLVANIA

ANNUAL SUMMARY 1963
Volume 68 No. 13



	Jan	ату	Feb	nuary	Mar	rch	Ap	ril	M	ay	Ju	16	Jul	у	Aug	ust	Septe	mber	Octo	per	Novem	aber	Decer	nber	An	nuel
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
POCONO MOUNTAINS OI			-												,											
FRANCIS E WALTER DAM FREELAND HAWLEY NATAMORAS	17.7 21.3 19.2	- 4.1	13.8 19.5 14.9	- 6.3	32.8 36.1M 33.7	2 • 7	43.9 46.1M 45.1	0 • 3	52.8 56.4M 54.0	- 1.3	62.9 66.3 63.7		67.1 71.2M 68.3 72.4	0.9	62.8 66.6 64.0 68.0	- 1.8	54.5 58.6 55.8M 60.3	- 3.0	52.2 M 54.0 57.1		41.1 44.0M 43.4 46.2	5.2	20.5 21.4M 23.2 24.8	- 6.3	43.5	
NILANVILLE PLEASANT MOUNT I W SCRANTON SCRANTON W8 AIRPORT STROUDSBURG	16.5 22.5 23.2 21.4	- 5.9 - 3.5 - 6.6	19.3	~ 9.9 - 8.0 - 9.8	38.2	3.0	41.9 48.5 49.1 47.5	1.7	50.6 56.5 57.8 56.2	- 3.1 - 0.8 - 3.1	67.4	0.2	68.8 65.1 72.2 71.5 69.8		68.3	- 3.4 - 0.7 - 4.8	52.7 59.1 60.0	- 4.3 - 1.5 - 5.4	50.9 57.1 56.7	4 • 1 5 • 7	39.6 45.6 45.1 43.6	5.5	19.8 25.5 24.3 22.2	- 5.3 - 4.6 - 8.4	48.4	- 1.0 - 0.1 - 3.0
TOBYHANNA	20.4	- 5.6	17.6	- 9.2	34.3	1.1	44.8	- 0.4	53.6	+ 2.6	62.5	- 1.0	66.4	- 0.7	62.5	- 3.3	54.8	- 4.1	53.5	3.4	43.3	3.9	20.4	- 6.0	44.4	- 2.0
DIVISION  EAST CENTRAL MOUNTAINS 02	20.3	- 500	17.0	- 7.2	33.1	1.1	4347	- 004	,,,,,				.,,,													
ALLENTOWN W8 AP ALLENTOWN GAS CO BETHLEMEM LEHIGH UNIV PALNERTON PORT CLINTON	24.0 23.5 23.8 23.9 20.5	- 5.0 - 6.6 - 7.3 - 5.3 - 9.1	22.0 M 22.1	- 7.2 8.5 - 7.5 -11.8	40.4 41.6 38.8	2.2 1.8 I.4	50.5 51.2 54.0 49.4 47.9	1 • 2 2 • 5 0 • 4		- I · 8 - 2 · 1 I · I - 2 · 3 - 5 · 1	70.0 74.4 67.5	3.3	74.1 75.1 79.5 71.7 70.3	0.6 4.0 - 1.4		- 2.3 - 1.5 1.3 - 3.3 - 5.4	61.7 64.0 59.8	- 3.8 - 3.3 - 2.8 - 3.7 - 6.0	58.3 64.0M 55.9	3.9 7.8 3.0	46.6 47.5 50.0M 45.6 42.9	4.4 5.5 4.0	27.2 29.1M 24.6	- 5.1 - 4.4 - 6.7	-	+ 1. - I.
ION GROVE	-		-		-		-		м		65.0	0.1	69.0	0.0	62.4	- 2.5	M	- 3.I	51.7	3.6	43.0	4.0	M 25.7	- 5.5	49.4	- 1
DIVISION SOUTHEASTERN PIEDMONT 03	23.1	- 6.1	21.1	- 8.6	39.5	2.2	50.6	1.5	58.5	- 1.4	68.6	0.1	73.3	0.3	5044	- 203	40.00	- 501	,	,,,,	43.07	7.0				
COATESVILLE 1 SW EVAULT 1 W EMRATA EEORGE SCHOOL GRATERFORD 1 E	25.4 25.7 27.4 24.9 23.9	- 6.0 - 4.7 - 6.9	23.7 24.4 24.5 24.0 23.0	- 7.9 - 8.4 - 8.4	41.3	2.8	51.6 50.7 52.8 50.0 49.6	0.8	58.7 58.5 60.1 57.7 56.7	- 2.6 - 2.7 - 3.8	69.4	- 0.8 - 0.9 - 0.9	74.7 73.4 75.8 73.6 73.7	- 0.2 0.0 - 1.2	69.2	- 3.1 - 2.1 - 3.1	61.4 59.6 63.2 60.2 60.4	- 4.3 - 3.4 - 6.0	59.1	4.4	46.4 46.1 47.7 46.6 46.5	3.4	26.9 26.4 27.0 26.4 27.0	- 6.8	50.6 50.3 52.0 49.9 49.6	- I. - I. - 2.
OLTWOOD ANCASTER 2NE PUMP STA ANDISVILLE 2 NW LEBANON 4 WNW	26.8 26.4 23.4 23.7	- 6.0 - 5.2	26.0 24.9 20.2 21.1	- 7.2 - 7.6	42.7 40.1 40.1	2 • 1	52.5 52.7 50.1 51.3	1.1	60.7 60.7 57.8 58.5	- 2.7 - 1.5	70.8 68.8 69.2	- 0.9 0.5	76.2 75.1 73.5 74.4 78.4	- 1.3 0.7	71.1 68.5 69.2	- 3.4 - 1.3	62.7 60.3 60.7	- 4.5 - 2.7			48.1 47.7 45.5 45.7 50.2	4.6	28.3 27.3 24.7 25.7 29.7	- 6.4 - 5.5	51.7 49.0 49.8	- 2 - 0
NARCUS HOOK  HORGANTOWN  T GRETNA 2 SE  HORRISTOWN  PHIL OREXEL INST OF TEC	29.9 25.3 23.9 28.7 28.9 27.5		29.3 25.4 22.8 27.7 28.2 26.5	- 7.2	42.3 41.7 43.5 45.5		51.3 51.6 53.2 55.0 52.5		57.9 58.0 61.3 61.5M		68.8 68.6 71.8 72.4	- 0.6	73.6 73.1 76.8 77.4 76.0	0.4	68.4 68.0 72.6 73.6	- 2.4	61.5 59.7 63.6 64.4	- 3.9	57.8 57.3 60.3 61.1 57.1	1.4	46.8 45.6 49.3 50.4 48.0	3.7	26.8 26.9 29.0 30.2 27.9	- 6.0	50.5 49.7 53.2 54.1 51.9	- 1
PHILADELPHIA WB AP PHILADELPHIA PT BREEZE PHOENIXVILLE 1 E PUAKERTOWN 1 E READING WB CITY REST CHESTER	30.4 26.8N 24.9 27.8	- 4.7 - 6.1 - 5.1 - 4.9	29.8 26.7 24.3 26.2	- 6.0 - 6.8 - 6.3 - 7.2	45.6 42.8 41.0 43.8	2 · 7 1 · 3 2 · 4 2 · 5	56.4 52.2 50.4 53.8 52.3	2.7 - 0.6 0.4	63.1 61.IN 58.9M	- 1.5 - 2.1 - 1.5 - 1.8 - 3.2	74.6 70.0 68.4 72.0	1.4 - 1.7 - 0.3 - 0.2 - 0.7	74.6 72.8	- 0.6	70.6 69.1 71.8 70.4	- 3.5 - 1.5 - 3.0	62.0	- 4.0	57.4	3.4	47.3M 47.4 49.3 46.1	4.2	25.9 28.9	- 6.0	53.0	- 2 - 0 - 1 - 3
EST GROVE 1 SE	-		-		-		51.4		59.1N		69.7M		74.5M	ħ	70.9		61.3		57.6M		47.0M		26.7M		- 51.4	- 2
DIVISION LOWER SUSQUEHANNA 04	26 • 2	- 6+2	25.1	- 7.9	42.4	1.6	52.2	0 • 4	59.7	- 2+9	70.4	- 0.7	75.0	- 0.7	70.6	- 3.1	61.9	- 4.9	58.2	2+1	47.4	2 • 1	27.3	- 6.	21.4	-
ARENOTSVILLE BLOSERVILLE 1 N CARLISLE CHANBERSBURG 1 ESE SETTYSBURG	24.4 24.7 26.1 25.8 25.2	- 5.5	21.1 21.8 23.6 23.4 23.4	- 9.1 - 9.2	41.1 41.0 42.2 41.5 42.6	1.1	51.9 51.8 53.3 51.2 53.2	0.7	59.4 58.3 60.6 59.0 60.1	- 3.1	69.8 68.2 70.8 68.7 69.9	- 0.4 - 0.9 - 2.1 - 1.6	73.9 73.0 74.0 72.1 74.5	- 1.5 - 2.5 - 1.5	69.6 70.1 69.1	- 3.6	62.0	- 3.3 - 3.9	57.9 59.7 59.4 56.9 59.0	4.0	45.5 46.6 47.7 45.4 47.2	4 . 2 . 4	26.1 26.5 27.3 26.0 27.7	- 5. - 7.6 - 6.5	50.3 50.3 7 51.5 5 50.1 5 51.4	- 1 - 1 - 2 - 2
HANOVER HARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	26 • 1 26 • 2 24 • 8 27 • 3 27 • 3	- 5 • 6	23.9 25.2 22.3 24.5 24.8		43.5 43.2 41.2 42.5 43.4	2 . 9	52.9 54.4 51.9 52.9 52.5	2 • 6	60.5 61.6 58.6 60.7 61.1		70.4 72.3 68.2 69.8 70.6	- I.I 1.0	75.0 76.4 73.6 72.9 74.3	- 0.0	70.1 70.6 70.4		63.4 61.5 62.9 64.1 63.4	- 3.5	5 59.8 57.1 57.8 59.6 57.9		47.4 45.8 46.2 46.8 47.5	3.	28.0 26.9 26.5 26.2 26.7	- 70	51.8 51.7 50.4 51.5 51.7	- 1
DIVISION	25.8	- 6.0	23.4	- 9.3	42.3	2 • 0	52.6	0 • 1	60.0	- 2.5	69.9	- 1-1	74.0	- 1.	70.3	- 3.	62.8	- 3.5	58.5	3 • 2	46+6	3 • (	26.8	- 6.	5 51.1	+
NIDDLE SUSQUEHANNA 05 BERWICK ENGLISH CENTER LEWISTOWN NILLVILLE 2 SW	22.2 21.2 24.3 19.6		19.7 16.11 21.8 16.0	٧	38.0 35.1N 40.2 36.1	•	48.2 44.9 50.3 47.2		57.2 53.0 58.0 54.2 58.5	4	68 • 3 63 • 4 • 68 • 6 66 • I 69 • 4	q!	72.3 67.0 72.8 69.9 74.1	4	68.6 62.8N 69.3 65.7N		59.9 55.41 60.7 57.2 60.8	* *	55.2 53.2M 58.0 54.4 57.0		45.2 42.2M 46.3 43.4 45.3	1	24.1 22.1 26.9 22.6 26.8	1	48.3 44.7 49.8 46.0 49.8	
NEWPORT SUMBURY TOWER CITY 2 E ∀ILLIANSPORT WB AP	24.0 22.7 21.4 23.2	- 5.6	19.4 18.1 20.7	- 8.	38.8 38.3 38.3	1.	51.4 49.5 48.4 50.2	0.1	56.6 54.6 58.0		68 • 0 65 • 5 68 • 4	- 0.8	72.2 69.9 72.2		68.5 65.1 68.3	- 3.	58.8 56.8 59.7	- 40	54.9 53.7 56.7		44.4 43.1 5 45.1		25.3 23.8 25.4		48.2 46.6 48.9 5 47.8	
01VISION UPPER SUSQUEHANNA 06	22.3	- 7+1	19.1	-11.	1 38.2	0+	2 48.8	- 1.	0 56.3	~ 4.6	67.2	~ 2.0	71.3	- 2.	1 67.3	- 4.	3 58.7	- >**	8 55.4	1.0	, ,,,,	2.	2440	- 00	1	
AUSTINBURG 2 W CANTON I NW DIXON EAGLES MERE LAWRENCEVILLE 2 S	20.00 19.8 20.2 17.3 21.8	N - 4-1	15.5 14.7 17.0 13.8 18.8	1	34.2 34.7 35.1 32.8 4 36.6	2.	45.6 44.6 45.7 44.0 7 46.1	- 0.	52.4 52.3 54.9 52.4 3 55.8		64.1 63.2 65.8 63.48 66.8	0.1	70.3 66.3 68.9	- H 1•	62.41 63.3 65.41 62.11	4	54.5 55.2 56.3 54.0 2 57.1		53.8 54.9 52.6 55.1 6 54.4		41.9 41.2 43.8M 40.2 43.7		21.1 20.6 23.9 19.1 7 22.0	М	44.4 - 45.9 43.4 2 46.4	
NONTROSE TOWANDA 1 ESE VELLSBORO 3 S	18.1 22.5 17.8	- 4.5	13.7 20.2 14.3	- 7.	32.6 37.2 33.2		42.8 8 47.21 44.1	w - 0+	51.5 56.0 52.1	- 2.	63.3 66.4 63.9	- 0.6	67.4		62.0 66.0 63.0 3 63.7		54.0 57.8 54.6	- 4.	53.5 7 54.8 55.4 3 54.3		40.2 45.2 40.7		20.0 6 24.1 20.0 5 21.4	- 5.	43.2 47.2 43.9 0 44.9	-
DIVISION CENTRAL MOUNTAINS 07	19.7	- 5.	16.0	- y.	2 34.0	1.	7 49.0	- 0.	5 55.4	30				1												
BELLEFONTE 4 S DU 8015 7 E EMPORIUM 1 N CARTHAUS LOCK HAVEN 1	22.1 20.2 16.9		18.8 17.0 12.3		38.9 36.6 33.1 2 38.8	м о.	49.3 46.2 43.2 8 48.8		56.8 55.1 51.2 54.0 0 57.3		67.3 64.4 62.1 64.6 1 67.9	- 1.6	71.4 66.9 65.6 68.0 70.4		67.1 63.4 60.8 64.4 1 65.8	м	58.3 57.3 53.4 55.9 9 57.7	IM	56 • 1 54 • 2 50 • 7 52 • 1 9 54 • 2	0.	43.5 41.7 39.5 40.8 7 42.8N	1 1 •	23.0 20.1 19.4 21.2		47.7 45.3 42.4 -	
NADERA PHILIPSBURG FAA AP RENOVO RIDGWAY STATE COLLEGE	18.5 19.2 20.9 18.7 21.6	- 7.	13.5 16.3 17.2 13.3 1 18.3		34.7 35.7 36.4 7 36.0 0 38.0	3.	43.9 44.7 46.9 5 44.5 4 48.9	M - 0.	52.0 52.4 55.1 6 53.1 2 57.6	- 3.	62.8 62.1 66.4 63.3 67.8	- 1.5	66.0 65.1 70.1 66.4 71.5	- 1.	61.8 61.4 67.5 62.4 67.3	- 4.	53.6 53.5 59.2 4 55.2 9 59.0	- 4.	50.3 52.0 56.1 7 51.8 9 57.4	4.	40.1 40.1 44.5 6 41.3 8 43.9	2 •		- 6 e	43.4 47.2 4 43.9 8 47.9	Ţ
OIVISION SOUTH CENTRAL NOUNTAINS	19.9		16.1		9 36.5		0 46+3								.9 64.2				0 53.5		7 41.8				2 45.3	
08 ALTOONA HORSESHOE CURVE BURNT CABINS 2 NE EBENSBURG	23.8 26.8 22.1	1	24.9	- 7. N - 7.	1 40.2 42.0 4 38.1		8 49.8 51.7 9 47.5	M	59.2	- 2. M - 2.	68 • 1				9 66.7 68.9 0 64.0				1 58.9 57.8	6.	2 44.1 47.29 42.79	М	5 22.3 26.7 1 21.3		9 48.5 50.5	

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

PENNSYLVANIA

	lan	uary	Feb	ruary	Ma	roh	A	ortl	M	lay	Ju	ine	Ju	ıly	Aug	yust	Septe	nedme	Octo.	ber	Nove	mber	Dece	mber	A	inual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperatura	Departure	Temperature	Departure	Temperature	Departure
EVERETT 1 SW HUNTINGTON JOHNSTOWN KEGG	24.1 23.2 24.7 26.7	- 6.8 - 6.1	20.7	- 8.9 -10.7	41.0 40.8		49.7 50.1 49.9 49.8	0.5	57.7 57.5	- 3.5	68.1	- 1.1 - 1.5	70.4		66.3 67.6M 68.6 67.8	- 3.5 - 2.9	60.7 61.4M 61.5 61.1		55.2 55.6 57.5 56.9	2.4	43.7 46.7M 44.4 44.5		24.0 27.4M 22.5 24.8		49.1	- 2.4
MARTINSBURG FA4 4P	24.4M		23.2		41.3		50.6		57.5	2.4	66.7		70.3		67.3		60.0		58.0		44+2		23.8		49.0	1.
DIVISION SOUTHWEST PLATEAU 09	24.5	- 5.0	22.0	- 0.1	40.4	5.0	47.7	0.6	5/01	- 2.6	67.0	- 1.0	70.5	- 1.3	67.1	- 3.1	60.5	- 2.8	5/01	4.5	44.4	3.4	24.1	- 6.0	48.7	- 1.
BAKERSTOWN 3 WNW BLAIRSVILLE 6 ENE BURGETTSTOWN 2 W BUTLER CLAYSVILLE 3 W	22.1 21.7 19.0 19.4 23.0	-10.9 - 8.1		+ -12.5 - 8.4			50.9 48.8 46.7 48.1M 48.4	- 1.6 - 1.5	58.3 57.4 54.7 55.6M 57.1	- 4.3 - 3.0	68.3 66.6 65.1 66.1 66.9	- 2.0 - 1.8			66.9 65.6 64.3 64.9M 66.9	- 5.7 - 3.5	61.1 59.5 57.7 58.6M 60.0	- 5.5 - 4.3	58.1 58.5 52.9 54.3M 55.2M	1.0	45.7 42.2 42.2 42.7M 43.4		21.6 19.5 21.0 21.7M 22.1		48.9 47.3 45.7 46.5 48.2	- 4.
CONFLUENCE 1 SW 04M	22.3		19.1		39.1		47.3		54.8		65.4		68.3		66.2		59.1		54.8		42.8		22+3		46.8	
OERRY DONEGAL DONORA FORO CITY 4 S OAM	22.4 27.1 20.6	- 7.2	19.6 26.3 17.5	- 8.6	39.9 45.8 39.2	4.0	46.5 53.3 48.2	0.0	55.0 61.2 55.9	- 2.2	64 · 2 69 · 5 66 · 0	- 2.8	66.4 72.3 69.6	- 3.4	62.9 69.5 65.7	- 4.7	56.5 64.0 59.2	~ 3.9	52.4 60.5 55.3	3.5	40 • 1 47 • 1 43 • 6	1.9	24 • 1 20 • 4 25 • 9 22 • 4	- 9.9	45.5 51.9 46.9	- 2.
INDIANA 3 SE MARION CENTER 2 SE MONTGOMERY LOCK AND DAM NEW CASTLE 1 N NEWELL	23.1 20.3 24.0 21.8 26.3	- 8+2	20.2 18.4 24.2 21.8 24.6	- 8+2	40.6 38.4 43.0 40.8 43.1	3.2	48.4 47.9 50.9 49.8 52.0	0 • 4	56.4 56.1 59.4 58.0 59.2	- 1.8	66.3 65.4 68.6 67.9 69.6	- 1.2	68.8 68.4 72.0 70.9 73.7	- 1.7	65.5 65.3 68.4 66.9 71.2	- 4.2	59.5 59.1 62.2 60.8 64.6	- 3.9	55.0 57.0 58.3 56.7 60.0	3 • 0	43.2 42.2 46.2 44.7 46.3	2 • 7	21.5 20.0 24.3 23.5 25.9	- 8.3	47.4 46.6 50.1 48.6 51.4	- 2.
NEW STANTON PITTSBURGH WB AP 2 PITTSBURGH WB CITY PUTNEYVILLE 2 SE OAM SALINA 3 W	24.6 21.1 26.6 19.4 22.8	- 7.8 - 6.7		- 9.9 - 8.3			48.9 49.0 52.5 47.2 47.4		56.5 56.5 60.8 54.9 57.0	- 3.3 - 2.2		- 1.2 - 1.4		- 1.3 - 1.9			61.4 61.3 64.2 57.6 60.8	- 2.9 - 3.1	57.5 58.8 61.6 54.5 56.5	5.7 5.5	44.8 43.7 47.3 42.7 44.5		23.7M 22.4 26.0 21.7 23.3	- 8.3	48.9 48.2 52.0 45.8	- 2.
LIPPERY ROCK STOYSTOWN INIONTOWN MYNESBURG 1 E	21.7 21.4 27.9 22.0	- 6.1 -10.6		- 8.8 -12.8	40.5 37.8 45.5 41.0		49.6 46.5 52.6 48.4	- 0 · 1 - 2 · 8	57.9 53.2 60.7 55.6	- 1.8 - 5.4	66.9 63.9 69.5 65.7	- 1.2 - 3.7	70.0 67.4 71.7 69.2	- 2.2 - 3.5			60.9 57.1 63.3 59.3	- 3.2 - 5.6	59.4 54.6 58.4 55.0		44.5 41.6 46.6 43.3		22.6 20.7 26.3 23.6	- 8 · 8	48.4 45.5 51.5 47.5	- 2
OIVISION	22.6	- 8.1	20.9	-10.2	41.0	2 . 8	49.1	- 0 • 7	57.1	- 2.9	66.9	- 1.7	70.0	- 2.1	66.6	- 4.0	60.3	- 3.9	56.9	3.4	44.0	2.2	22.8	- 9.3	48.2	- 2
NORTHWEST PLATEAU 10																										
BRAOFORO FAA AIRPORT BRAOFORO 4 W RES LLARION 3 SW LLERMONT 4 NW	16.6 17.6 20.2 19.3		14.0 15.5 18.4 15.8		33.7 33.0 37.6 34.4		42.7 43.5 47.0 41.3		50.7 52.1 55.9 50.8		61.7 62.2 65.8 60.7		64.4 64.6 68.6 64.7		60.0 61.7 64.5 60.6		53.2 55.2 58.4 53.5		52.7 53.5 54.6 50.3		38.5 40.8M 42.3 39.7		18.5 18.8M 21.3 18.9		42.2 43.2 46.3 42.5	
CONNEAUTVILLE CORRY COUCERSPORT 3 NW U BOIS FAA AIRPORT AST BRAOY	17.0 18.5 17.1 19.4 21.5	- 7.5	15.8 17.0 13.0 16.6 20.1	- 8+8	37.3 36.2 32.4M 36.9 41.9	2+9	46.1 45.7 42.2 46.4 50.5	- 0.2	54.3 54.3 51.2 55.1 59.4	- 2.5	65.5 65.2 61.4 65.1 68.7	- 0.9	69.0 68.4 63.4 68.0 72.8	- 1.5	65.1 63.4 59.6M 63.7 68.3	- 3.0	58.6 57.0 52.0 57.1 62.6	- 4.7	56.3 55.1 50.5 56.5 58.9	4.2	43.8 41.0 38.7 40.9 45.2	2+1	23.3 21.3 18.3 19.5 24.4	- 7.2	46.0 45.3 41.7 45.5 49.5	- 2
RIE WB AIRPORT FARRELL SHARON RANKLIN REENVILLE JAMESTOWN 2 NW	19.8 24.0 20.4M 19.5 16.5		24.5	- 8.2 - 5.8 - 8.6 - 8.4	42.8 37.9	4.3 3.1	46.8 52.5 47.0 48.4 46.4	1.8	61.1 56.4M	- 2.5 - 0.6 - 1.6 - 1.5	71.6	- 0.1 0.3 0.0 0.3	74.1	- 0.3 - 0.7 - 0.4 - 0.7	70.0 66.2	- 2.9	59.6 63.4 60.5 61.1 58.0			5.6	45.0 47.0 43.7 44.1 42.7	4.6	25.3 27.1 24.2 23.5 21.8	- 5.1 - 5.8	47.5 51.6 47.5 48.2 45.5	- 1. - 0. - 1.
ANE 1 NNE EAOVILLE 1 S ERCER COUNTY HOME IONESTA 2 SE OAM ITUSVILLE WATER WORKS	16.0 16.8 20.7M 17.1 14.8	-10.0	11.2 14.7 17.9 12.7 12.2	-11.5	33.1 36.4 38.3M 34.9 32.6	2+2	42.8 46.5 46.3 44.7 42.5	0.1	51.3 54.1 54.9 54.0 51.0	- 3.1	60.9 65.4 65.5 65.0 61.2	- 1.3	64.5 68.9 69.0 68.4 67.4	- 1.5	60.4M 64.2 64.9 64.0 63.5	- 4.5	52.9 57.7 58.6 57.1 57.4	- 4.4	50.6M 55.2 54.9 54.5 53.7	3.8	39.3 42.4 43.0M 41.5 41.5	2.9	19.3 22.3 19.9M 21.0 21.0	- 6.8	41.8 45.4 46.2 44.6 43.2	- 2
ARREN	21.0	- 6.6	19.3	- 8.0	37.3	2.9	46.9	0.5	56 . 2	- 1.4	66.4	- 0.3	69.5	- 1.0	65.1	- 3.9	58.4	- 4.2	55.1	3 - 1	42.5	2.4	23.5	- 6.3	46 . 8	- 1
01V1SION	18.7	- 8.3	16.5	-10.2	36.5	2 • 2	45.8	- 0.6	54.4	- 2.9	65.0	- 1.5	i	- 1.4	64.2	- 4.4	57.6	- 4.5	55.1	3.6	42.2	2.7	21.7	- 7.4	45.5	- 2

A Special Weather Summary describing unusual weather in 1963 was included in April, September, October, and November issues of this publication.

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2			-			-		1	May		June	T	July	T	August		Septemb	er	October		Novemb	er	Decem	ber	Ann	ual
	Janua	ary	Februa	гу	March	+	April	+		-	g June			-	g .		9	-	u o		noi	1	don		noi	
Station	Precipitation	Departure	Precipitation	Departure	Precipitation Departure		Precipitation Departure		Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitate	Departure	Precipitation	Departure	Precipitation	Departure	Precipitat	Departure	Precipitat	Departure	Precipitation	Departure
POCONO MOUNTAINS 01  EQUINUNK 2  FRANCIS E WALTER OAM  FREELANO GOULOSBORO HAMLEY	2.56 2.11 E2.54 2.35 2.42	• •55 • •75 • •37	2.39 1.98 E2.10- 2.44- 2.25-	.62 .45 .37	4.21 3.31 2.34-1. 2.81-1. 2.81-	48 E	1.85 .84 .98- 3. 1.31- 2. 1.01- 2.	12 E4	3.69 3.27 3.02 - 2.67 - 1	.82	1.20 1.20 53.48 1.81 3.82		4.94 3.62-	.73	2.41 2.59 E2.61-1 1.97-2 2.91-1	.37	2.32-	1.49	.82 .11 .13= 3 .31= 3	3.55 3.52 3.32	6.33 4.23	1.77 2.23 .90	2.62 2.25 E2.34- 2.32- 2.02-	1.16	30.24	
HOLLISTERVILLE HONESOALE 4 NW LAKE HINISINK LAKEVILLE 1 NNE LONG PONO 2 W	2.42- 2.68 3.20 2.04- 2.20	.68	2.25- 2.18 2.30 2.10- 2.19	•60	3.53	71	1.05- 2. 1.72 1.17 1.00- 2. 1.35	81	5.86	1 • 75	1.57- 4.53 3.60 3.37- 2.96	•47	4.17- 5.65 5.40 4.62- 4.40	.29	3.27 2.78 3.29-1 2.63		2.37- 3.41 3.04 1.98- 2.52	1.75	.08- 3 .22 .04 .04- 3	3 • 65	5.01 5.58 3.70 4.27	.14	2.49 2.58 2.65- 2.42	.47	38.53 37.95 30.04 35.78	-14.16
MATAMORAS MILANVILLE PAUPACK 2 WNW PIKES CREEK PLEASANT MOUNT 1 W	3.37 2.74 2.28- 2.19 2.39-	•35 - •61 - •95	2.10- 2.29 2.17- 1.85 2.24-	.55 .60	3.46 3.87 3.24 3.19	26	1.20 - 2. 1.51 .94 - 2. 1.20 2.09 - 2.	89	4.12 2.73- : 5.11 3.57-	1.34	3.54- 3.60 3.09- 2.66 4.50	.58	6.10 5.65 3.80- 5.57 3.68-	.95	1.71 - 2 2.35 2.43 - 1 3.49 3.05 - 1	.95	2 • 99 2 • 02- 2 • 79	1.62	.45 .08- 3 .27 .31- 3	3.52	5.54 5.40 4.41	1.60	2.25 2.43- 1.99 3.25-	.77	36.56	-12.64
SCRANTON SCRANTON WB AIRPORT STROUOSBURG TOBYHANNA WILKES BARRE	E2.79 2.06- 2.98- E2.21- 2.20-	38 - 1.39	E2.97 1.95- 2.36- 2.26- 1.66-	.85 .04 .50 .83	2.19- 4.27 2.86- 2.15-	63	1.10- 2. 1.30- 1. 1.39- 2. 1.46- 2. .96- 2.	97 76 88 42		1.45	1.93-	.50 1.58 1.48	4.03- 4.03- 3.49- 5.32	.76	2.04-1 2.20-2 1.25-4 2.37-1	2.37	1.69-	1.28 .79 2.34 .81	.03- .12- .23- .12-	3.47 3.53 4.09 3.16	4.62 5.41 7.26 3.89	1.68 1.26 2.96 .82	1.94- 2.64- 2.53- 1.85-	1.25	35.1 E31.74 28.74	+12.26 -12.79 -20.07 -10.63
O1VISION EAST CENTRAL MOUNTAINS O2 ALLENTOWN W8 AP	3.00	- •49	2.55-	• 35	3.97	.18	1.18- 2.	.58	1.67-	2.41	1.79-	2.28	2.48-2.78-	2.34	3.17-2.39-	1.30		2.84	.15- .07-	2.82	6.30	2.97	2.40	- 1.08	32.3	4- 9.08 3-12.23
ALLENTOWN GAS CO BETHLEHEM BETHLEHEH LEHIGH UNIV CLAUSSVILLE	2.56- 2.38 2.56- 2.95	68 55	2.18 2.53 2.05	.06	3.76 4.14 3.44	.54	.70- 3. .62 1.67- 1. 1.10	96	2.60- 2.37 1.94- 2.33	1.91	.76 1.10- 1.19		3.13 2.69- 2.15	1.97	1.62	2.53	3.53 3.70 3.86	.14	.02 .06- .19	2.93	6.58 7.09 6.30	3.73	1.80 E2.53 2.37	72	28.7 E31.9 30.1 35.5 27.7	2-10.84 1
KRESGEVILLE 3 W LEMIGHTON NEW TRIPOLI PALHERTON PORT CLINTON	2.49 1.75 2.6 2.70 2.56		1.82 2.21 2.13 1.80 2.08	.69		.01	.92 .68 2.09 2.19- 1. 1.75- 2.	30	3.34 3.29 2.45- 4.35-	1.43	1.90 2.51 3.23= 3.25=	•65 •41	2.43 2.67 4.09- 4.60-	1.01	1.96 3.44 3.29- 3.80-	1.46	3.14 3.43 3.70- 3.09-	•29 1•23	.10 .23 .11 .30=	3.13	3.53 5.46 5.76 8.33	2 • 2 7 4 • 5 8	2.54 2.23 2.12 2.12 2.59	- 1.12 - 1.46	34.1 35.0	7 1- 9.06 0- 6.59
POTTSVILLÉ TAMAOUA TAMAOUA 4 N OAH 210N GROVE 210NSVILLE 3 SE	1.94 2.10 2.40 2.08 2.41		2 · 10 1 · 99 2 · 38 - 1 · 31 2 · 16	.51	4.17 4.05 3.20- 2.41 4.01	.97	1.49 1.12 1.10- 3. .78 1.00	.16	3.52 3.82 3.63- 3.07 3.61	1.11	4.84 2.97 1.88- 2.43 2.19	2.24	2.54 2.89 3.00- 4.10 2.05		2.81 1.83- 2.44 1.84		3.08 2.58- 2.16 3.82	1.61	.03 .19-	İ	7.23 5.92 5.52 7.08	2.93	2.99 2.15 1.88 2.10	- 1.50	28.3	6-19-25 1
OIAIZIOM	2.68	- +46	2.31-	. 36	3.94	.07	1.50- 2	.35	2.68-	1.64	2.28-	1.60	3.46	1.55	2.63-	1.71	3.86	•01	-14-	3.20	6.60	2073	2.21			
SOUTHEASTERN PIEDHONT OF BECHTELSVILLE BERNE CHADDS FORO COATESVILLE 1 SW CONSHOHOCKEN	2.45 2.24 1.77 1.76 1.95		2.36 1.93 2.24 2.07- 2.44-	.71 .42		.11	.98 .86 1.16 .92-2 .58-2	.57	4.12 2.45 2.25 2.61- 1.75-		2.57 2.69 2.46 2.71+ 2.73-		3.48 2.39 E2.10 3.47~ 1.28-	•79 3•17	1.73 2.40 5.43 2.37- 2.99-	2.69		2.35	Ť -	3.19	6.11 5.17 7.12 7.59 7.18	4.04 3.57	2.15 1.62 E1.88 2.08 2.03	- 1.3 - 1.1		6 4 2- 9.79 5-11.29
QEVAULT 1 W OOYLESTOWN EPHRATA GEIGERTOWN GEORGE SCHOOL	1.93 2.05 2.43 1.99 2.18			.18 .16	4.08 3.82 4.14 4.10 4.03	.22	.66 .74 - 2 .93 - 2 .25 .58 - 3	• 48	1.35 2.17- 2.01- 1.89 1.84-	1.82	4.55 3.45 2.34 3.60 1.67	.36 1.86 2.08	1.71 4.48 1.64- 3.89 4.10-		3.59- 4.02 2.57-	2.56	5.83 3.82	.34 1.16	.09 .21- .05- .16 .04-	3.15	8.15 7.35 6.64 8.29 6.55	3.87 3.34 2.79	1.75	- 1.2 - 1.3 - 1.5	2 34.6 2 32.6 38.0	1- 8.60 0-10.57 7. 3-13.55
GLENMOORE GRATERFORO GRATERFORO 1 E HARRISBURG NORTH HOLTWOOO	1.77 1.21 2.09 2.11 1.74	- •9		1.64 .24 .97	4.23 3.83= 3.97 3.85 3.41	.16 .08 .07	.60 .37- 3 .43 .80- 2 .74- 2	. 84	1.89 2.30+ 2.08 53.89+ 1.17-	. 48	2.86 2.60- 3.11 4.22	.72	3.74 1.52 1.55 - 2.95		4.74 4.68 3.78 - 4.01	.20	5 • 36	1.91	.20- .25	2.98	5.70 6.56 5.85	2.91	3.31	.0	32.	5.85
HONEY BROOK 1 W LANCASTER 2NE PUHP STA LANCISVILLE 2 NW LEBANON 4 WNW HAPLE GLEN	1.79 3.06 1.96 2.15 1.88	•1	1.86 2.17- 1.45 1.98 2.25	.31	3.74 3.77 3.77 3.88 3.87	•04	.50 .63- 2 .51 .60	•97	1.81 2.29- 2.23 2.86 2.13	1.61	2.50 2.34- 2.33 2.13 1.93		1.64 1.73 2.26 2.19 4.27		3.53 2.86 3.38 3.94 2.26		4.71 3.33 4.69	1.17	T 000	3.22	7.24 6.32 5.44 7.65	3.17	1.77 1.61 1.36 1.66	7- 1.2 l	30 · 1 29 · 1 33 · 1	38
MARCUS HOOK MORGANTOWN MT GRETNA 2 SE MYERSTOWN NESHAHINY FALLS	2.07 2.05 2.05 2.03 2.32	5	2.43- 2.04 1.97 1.57 2.66-	.17	4.64 3.60 3.75 3.40 4.46	.19	1.23- 2 .87 1.11 .52 1.19- 2	2.45	1.11+ 1.53 2.03 2.34 1.33-		2.41+ 3.73 1.59 1.94 2.63-		4.15 1.79 2.70 1.89 6.07	1.3			6.43 4.73 3.73 5.33	1.77	.32 .23	3.29	7.58 6.49 5.24 6.31	2.6	1 • 7 · 2 • 0 · 1 • 8 ·	5 7 6= 1•3	36. 32. 26.	74 77 94- 9.40
NORRISTOWN PALH PHIL OREXEL INST OF TEC PHILAOELPHIA W8 AP R PHILAOELPHIA PT 8REEZE		5			3.60 4.37 4.25 3.94 4.04	•14 •30	.50 1.55 1.01 1.13 - 2 .83 - 2	2.42	1.59 3.42 1.55 1.06= 1.19=	2.68	2.73 2.24 3.14 2.88+ 2.86+		-		-		-	2.98	•12 •04 •09-	2.69	5.95 7.16 6.67	3.2	2.3	3 0 6- 1-1	34. 36. 34.	50 79
PMOENIXVILLE 1 E QUAKERTOWN 1 E READING W8 CITY R STRAUSSTOWN VIRGINVILLE	2.41	05	0 2.25	. 46	4.31	•14 •31 •22	.53- 2 .92- 2 1.10- 2 1.10 .72	2.97	1.42+ 2.73= 2.13+ 3.17 2.96	1.43	1.67-	2.52	3.65 3.55 2.77 1.39	7	1.53- 1.74- 2.48 2.34	3.32 2.31	3.93 5.46 5.58 4.20	.19 2.14	.04- .17- .03	2.67	6.73 6.11 6.45 5.68	3.0	2 2.2 1 1.8 2.0 2.0	4- 1.2 9- 1.2 1	32. 34. 35. 29.	
WEST CHESTER WEST GROVE 1 SE YORK HAVEN	2.0	1- 1.8 5- 1.8 46	4 2.35 8 1.67	• •69	3.89	.35 .16 .42	.82- 2 1.17- 2 .79- 2	2.39	2.19- 2.72- 1.70-	2.36	2.96	- •7	1.45	- 2.3 - 3.1 - 3.1 - 1.9	2.53-	2.74	5.92	1.44 2.46 47	.08- T -	3.14 2.92 3.24 3.07	7.36 4.76	3.8	0 1.9	3- 1.1 1- 1.0 8- 1.	34.	32-10.71 02-13.87 24-10.29
OIVISION LOWER SUSQUEHANNA 04	2.1	1.0	2.00	• ,																- 3.57	6.40	3.1	0 2.3	9= .	76 33	89- 9.16
ARENOTSVILLE 8LOSERVILLE 1 N CARLISLE CHAHBERSBURG 1 ESE GETTYSBURG	1.9	7 5 0 5 5- 1-5 7- 1 6	7 1.44 2 1.81 5 2.03	71 71	4.25 4.07 5.06	.67 .57 .29 1.29 1.06	1.93- 1.03- 1.67- 1.71- 1.36-	2.84 2.06 1.75	3.28- 4.50 2.47- 1.64- 2.29-	- 1 - 60 - 2 - 40	2.49 4.01 5.73 4.09	- 1.5 .1 1.6	2.98 2.09 5 2.62 7 1.50	- 1.7 - 1.2 - 1.8 - 1.3 - 2.6	9 2.46- 7 1.90- 3 2.76- 5 3.14-	2.39	1.51 1.95 1.89 8 2.07	- 1.11 - 1.95 - 1.16 - 1.41 - 1.25	.13- .04- .11-	- 3.39 - 3.27 - 3.04 - 3.31	4.87 5.54 4.79 5.37	1 • 3 2 • 2 1 • 6 2 • 1	5 2.0 8 1.8 7 1.9 1 2.2	2+ · 0- 1· 17- 1·	96 294 33 284 01 324 74 304	58-14.26 90-13.02 28- 9.05 94-10.61
HANOVER HARRISBURG W8 AP HUNTSOALE MERCERSBURG NEW PARK	1.6	1	7 1.83 1.68 5 1.72	6	3 · 86 4 · 24 3 5 · 54	.53 .43 1.91 .22	1.18- 1.52- 1.40 1.39- 1.66-	1.50	2.13- 2.66- 2.35 1.82- 2.35-	- 1.2	6.42	- 1.0	6 1.97 1.49 9 1.89 8 2.88	- 1.6 - 1.4	4 2.55- 2.52 8 2.15- 7 2.69-	1.10	2.82 1.81 1.89 3 4.50	- 1.22	.04- T	- 2.93 - 3.31 - 3.42	5.93 5.87 5.75	2.7	8 2 · 3 2 · 0 7 1 · 8	16- · 11- 1 · 10- 1 ·	55 30 31 31 31 31 31 31 31 31 31 31 31 31 31	09= 7.56 43 25= 8.50 58= 9.77
SHIPPENSBURG SOUTH MOUNTAIN SPRING GROVE YORK 3 SSW PUHP STA	2.1 2.7 2.0 2.1	16	2.35	0	3 4.12	•72 •50		2.51	1.68 2.75 2.45 2.12	- 2.2	2 2 80	1.0	1 1.76		8 2.66	2.0	9 2.75	60	.02	- 3.36 - 3.36 - 3.22	6.75	3 • 6	7 2.3 2.4 1.9	30	78 30 95 30	.25 .92-10.83 .35-11.65
OIVISION HIOOLE SUSOUEHANNA OS BEAR GAP BEAVERTOWN	E2.0	8	72 2.04	4		• 65				1		- 1.7		  -  -		8	9 2.39	- 1.1	.29	- 3.2	7.07	7 3.3	200		75 E34 29	.75⊢ 9•00 .55
DEATERION	1	1	1	l							•															

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

PENNSYLVANIA 1963

Table 2-Continued																					T.1	16.3
	January	February	March		April	May		June	July		August		Septemb	lec	Octob	er le	Novem	per	Decemb	100	Annual	
Station	Precapitation Departure	Precapitation Departure	Precapitation	Departure	Precipitation Departure	Precipitation Departure		Precipitation Departure	Precipitation	Departure	Precipitation	Departure	Precapitation	Departure	Precapitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	
BERWICK CAMP KLINE CEDAR RUN OANVILLE ENGLISM CENTER	1.84 1.76 1.49 1.99 1.69	1.71 .92 1.36 1.99 2.07	2.48 3.40 3.91 2.66 3.79		.93 1.08 1.37 .70 1.49	2 · 89 3 · 95 3 · 39 3 · 79 6 · 23	2 2 3	.03 .06 .18 .01	3.27 1.63 2.05 4.09 2.46		2.64 1.82 E1.90 2.83 E1.78		1.90 2.49 E3.22 2.64 2.28		.15 .12 .19 .17		3.99 5.43 5.46 4.25 5.32		1.92 1.77 1.53 2.12 1.70		26.95 26.43 E28.05 30.24 E31.77	
JERSEY SMORE LEWISTOWN MILLVILLE 2 SW MILROY NEWPORT	1.96 1.36 1.87 1.59 1.69- 1.21	1.19 1.46 1.88 1.44 1.90-	2.23 3.49 3.17 3.61 3.84		1.11 1.12 .94 1.84 .99= 2.57		20 4	.50 .96 .20 .04 .56			2.62 1.93 2.08 1.55 2.77-		3.95 1.70 2.22 1.76 2.63	.40		3.44	5.55 5.51 4.49 4.53 5.80	2 • 4 3	1.64 2.33 1.95 2.15	.90	29.52 28.25 31.42 28.08 32.92 8.	
SHAMOKIN SUNBURY TOWER CITY 2 E WATSONTOWN WILLIAMSPORT W8 AP	2.3745 1.91- 1.13 2.02 2.22 2.0958	2.402 1.926 2.20 1.80 1.73	3.13- 3.52 4.57 3.14-	.59	.79= 2.70 .86= 2.79 1.16 1.51 1.34= 2.21	4.93 4.68 4.91	32 3 3 3 83 2	.5827 .64 .19 .19 .17 .4875	3.38- 3.34 2.70 3.12-		2.14-1 2.54-1 2.77 2.32 2.28-1	1.32	2.80- 2.75- 4.84 2.96 2.29-	.63	.07- .07 .10	3.13	6.27 4.66 6.70 5.27 5.08	2.73 1.30 1.63	2.62- 2.34- 2.50 2.34 2.41-	.65 .88	31.48=10. 37.24 33.64 31.06= 9.	25
DIVISION UPPER SUSQUEMANNA 06	1.8189	1.86	3.32-	•28	1.10- 2.44	4.44 .	16 3	.4404	3.14-	•73	2.40- 1	1.48	2.58-	.61	-80.	3.15	5+19	1.88	2.12-	. 10	31.40- 00	,,,
AUSTINBURG 2 W CANTON 1 NW COVINGTON 2 WSW OIXON OUSMORE 2 SSW	1.51 1.29 1.27 2.04 1.96	.81 .74 .74 E1.98	2.57 2.58 2.20 3.05 2.67		2.43 1.80 1.74 1.21 2.15	3.52 4.27 3.43 3.79 4.52	1 1 1	.06 .00 .44 .51	3.05 E2.58 1.93 3.00 3.82		2.54 2.45 2.22 2.32 2.00		2 • 1 4 2 • 4 6 2 • 3 6 2 • 2 4 2 • 3 7		.43 .12 .08 .04		5.98 4.90 5.73 4.19 6.06		1.53 1.77 1.26 2.20 1.91		27.57 E25.96 24.40 E27.57 30.36	
EAGLES MERE MOP BOTTOM 2 SE LAWRENCEVILLE 2 S LE ROY MONTROSE	2.38 2.01 1.1562 1.36 2.49	1.92 2.41 .73- .72 2.03	3.43 3.21 2.54- 2.83 3.90	.25	1.73 1.90 1.26- 1.42 1.63 1.64	6.34 3.62 3.02- 4.40 4.68	89 1	.03 .61 .77- 1.53 .25	2 · 86 5 · 70 4 · 21 5 · 40	1.73	2.60 2.36 2.32 2.02 2.90	1.63	3 • 2 3 2 • 8 1 2 • 10 - 2 • 8 2 2 • 2 3	.93	.28	2.53	6.45 4.99 5.74 6.06 4.48	3.38	2.44 3.52 1.35- 1.69 2.89	•62	29.27. 35.78	25
ORWELL 2 NW RUSMVILLE SUSQUEMANNA TOWANDA 1 ESE TROY	1.28 1.65 2.28 1.5333 1.62	1.10 1.43 1.59 1.16- 1.12	2.57 2.66 3.27 2.85= 2.91	•01	1.12 1.27 2.09 .94- 2.15 1.36	5.75 5.18 3.53 5.47 4.27	3 45 1	.12 .00 .56 .24~ 1.94	3.72 3.71 4.69 2.74- 2.00	1.10	2.29 2.67 3.24 1.77- 2.00	1.56	2.01	1.51	+19	2.70	4.79 4.39 4.45 5.08 5.26	2 + 4 6	1.86 2.19 1.78- 1.82	.39	25.89	. 55
WELLSBORD 3 S OIVISION	1.7349	.96	1.80	.23	1.89	2.36		.96 .56- 1.83	3.10	.13	2.35-	1.58	3.01	1.01	.10 .20-	2.91	5.38	2.47	1.25	.61	24.98	76
CENTRAL MOUNTAINS 07	1.75	1027		•••	1001	,,,,,														Ì		
AUSTIN BELLEFONTE & S CLARENCE CLEARFIELO OU 801S 7 E	1.62 1.41 1.80- 1.39	1.24 1.11 2.22- 1.68	2.71 3.07 5.26 3.81	1 • 2 6	1.67 1.03 2.16- 1.81 1.98	- 2.85 4.06 3.33 - 1.1	06 2	- •42 •26 •36- 1•7	2 · 8 8 2 · 8 9 7 2 · 6 0 - 5 · 4 5	1.70	2.59 3.39 3.11- 3.89	.67	2 · 31 7 · 06 4 · 41 3 · 97	1.37	.05 .05 .35 .34	2.69	5 24 5 12 5 • 44 5 • 01 4 • 79	1.90	2.26 2.62 2.01 2.50- 1.85	.59	34.40	• 5 5
EMPORIUM 1 N GLEN MAZEL 2 NE DAM KARTMAUS LOCK MAVEN 1 MADERA	1.55 1.80 E1.48 1.9364	1.43 2.12 £1.52 1.32- 1.57	3.76 3.95 3.83 3.13- 3.96	.54	2.32 2.95 1.53 1.31 - 2.08	3.22 4.25 4.17 4.33 3.48	02 2	•25 •52 •27 •99- •41	4.38 4.44 2.60 3.30- 2.71	1.03	3.18	1.42	3.12 3.76 4.43 4.45 2.46	1.31	.07	3.11	5.12 5.46 4.01 4.30 4.89	1.18	1.88 2.21 1.77 1.68 1.50	1.09	29.84	•78
MAMAFFEY MEOIX RUN MILLMEIM PHILIPSBURG FAA AP RENOVO	2.04 1.56 1.45 .78 1.6284	2.50 1.92 1.10 .88 1.33-	5.27 3.63 3.18 3.23 3.31	.15	2.26 1.55 1.70 1.35 1.58- 1.80	4.08 4.16 3.30 3.26 4.36	05 2	.55 .04 .48 .84 .05- 1.6	3.50 2.82 3.50 2.34 7 2.95	1.25	2.85 2.15 2.69 2.18 2.13	1.05	2.00 3.90 2.70 2.86 2.62-	.05		3.01	5.42 5.33 5.00 4.69 4.82	1.80	2.40 2.09 1.68 1.96 1.87=	.79	35.02 33.23 29.89 26.59 28.66 - 9	
RIOGWAY SINNEMAMONING SIZERVILLE	1.20- 1.74 1.24 1.86	1.60 1.24 1.84	79 3.08= 3.31 4.02	- 36	2.36- 1.39 1.54 2.47	2.98- 1. 3.76		.09- 1.99	1.95	1.11	3.10- 1.73	.40	2.86-	. 39	.09	2.78	4.56 5.12	1.50	1.99-	.08	29.37-11.	
STATE COLLEGE  OIVISION  SOUTH CENTRAL MOUNTAINS OR	1.48- 1.19	1.25	3.80	•10	1.40- 2.11	3.48	- 1	.985		•29	2.67-	.86 1.00	3.16	•15		2.85	5.14 4.73	2.09	1.88-	.98	29.94-10	
ALTOONA MORSESMOE CURVE BREEZEWOOD BUFFALD MILLS BURNT CABINS Z NE CARROLLTOWN Z SSE	1.49-1.74 1.08 .89-1.80 E1.90 1.55	1.80 .78 1.14 E1.54 2.11	3 • 62	.50 1.97	2.28- 1.92 1.50 1.54- 1.74 1.97 3.69	3.64 1.00 1.23- 2. 2.43 3.53	71 4	1.50 - 1.0 1.15 1.95 1.3 1.00	2.24		2.07- 1.16 1.86- 1.32 2.67	1.65	1.70- 1.60 2.26- 1.40 2.25	.51	.00	3.11 2.62	5.39 3.37 4.86 7.27 5.29	2.33	1.88- 1.19 1.45- E4.10 1.78	.95	E34.44 34.55	.08 .85
CRESSON 2 SE EBENSBURG EVERETT 1 SW MUNTINGOON MYNOMAN	1.45 1.74-1.75 1.53 1.25-1.44 1.12-1.43	1.63	5.38 4.95 6.17 17 4.38 91 5.90	•89 •66 2•48	2.31 2.04- 1.97 1.74 1.34- 2.20 1.52- 1.58	2.95 2.64- 1. 1.74 2.26- 1. 1.50- 2.	97 2 88 3	.96 .19- 2.5 .96 .195	7 E4.11		2.20 £1.75	2.21	2.54 1.49- 1.45 1.02- 1.30-	1.98	.03 .00- .20-	2.76 2.83 2.45	5.49 £5.32 5.00 4.86 4.82	2.21 1.84 2.41	3.17 1.07- 2.67	1.66	37.56 E30.57-14 31.15 E27.17-12 28.92-6	•47 •55
JOHNSTOWN KEGG MAPLETON DEPOT MARTINSBURG FAA AP MC CONNELLSBURG	4.00 .36 .31 1.40 1.16 1.41	E3.23 . E1.58 1.44 1.09 1.38	16 E5-12 5-66 4-22 4-52 4-96	.88	3.13- 1.12 .91 1.43 2.22 1.81	2.31- 2. 1.33 2.26 1.87 1.95	3 2	.58- 2.8 .36 .48 .59	7 4.04- 1.83 4.34 2.09 2.95	66	3.89- 1.78 1.64 1.56 1.74	.21	1.73- 1.92 1.51 1.70 1.36	1.26	•13 T •06	2.34	5.84 4.42 5.45 5.27 8.87	3.07	1.99 1.83 1.13 2.24	•38	E38.95- 5 E26.22 29.00 25.26 35.35	. 82
SAXTON TYRONE 4 NE BALO EAGLE WILLIAMSBURG WOLFSBURG	1.27 1.18 1.27 1.02	1.35 1.48 1.36 1.17	5+11 4+43 4+70 5+07		1.88 2.13 1.61 1.45	1.59 3.90 2.57 1.67	2 2 1	•41 •94 •74 •97	3.81 3.73 2.59 1.97		2.53 2.71 1.94 2.26	. 30	1.27 2.07 1.63 1.43		.06 .01 .11	2.81	4.73 4.11 4.85 4.51	2 • 69	1.46 1.58 1.72 E1.77	.47	27.41 30.32 26.99 E24.40 30.86- 9	. 99
OIVISION SOUTHWEST PLATEAU 09	1.67- 1.31	1.95	46 5.15	1.30	1.95- 1.73	2.28- 1.	94 3	3.03- 1.0	8 3.05	- 1.19	2.14-	1.70	1.55-	1.33	•11-	- 2.01	3.33	2+07	2000		30,000	• • • •
ACMETONIA LOCK 3 BAKERSTOWN 3 WNW BEAVER FALLS BLAIRSVILLE 6 ENE BOSWELL 1 SW	1.49- 1.71 2.79 1.7097 2.49 1.52	1.92	5.10	2.02	2.44- 1.32 2.99 3.1902 3.25 3.08	1.70- 2. 1.92 1.91- 1. 2.70 1.67	81 3	.82 - 2.3 2.68 3.92 .1 2.49 3.59	3 • 06	.4° - 1.2°	3.53	.20	.74- 1.09 1.72- 2.03 2.93	2.02 .95	.33	- 2.30 - 2.09	3.59 2.27 3.07 6.25 6.67	•90 •76	1.44	.61	28.37=12 29.12 29.34= 6 42.66 38.83	
BRADOOCK LOCK 2 BRUCETON 1 S BURGETTSTOWN 2 W BUTLER CHARLERO1 LOCK 4	1.35 1.65 1.98 1.81- 1.15 1.98- 1.02		5.81 5.92 6.52 34 4.92 55 6.05	1.47	2.23 2.25 2.55 3.0967 1.61- 2.08	1.48 1.13 1.82 2.78- 1. 1.84- 2.	20 E	.38 .56 !.38 3.81 .2		- 1.3 - 1.7		.74 2.79		•52	1.07	2.30	3.45	• 87	1.54-	1.08	28.93- 9	. 86
CLAYSVILLE 3 W CONFLUENCE 1 SW OAM CONFLUENCE 1 NW CONNELLSVILLE CORAOPOLIS NEVILLE 1S	2.2582 1.18 1.31 - 2.31 1.61 - 1.35 1.27 - 1.39	2.54 2.94 2.58 E.78-	6.76 6.83 23 5.82 35 E3.47	2.85 2.77 2.45 .24	2.14- 1.35 1.52 1.65- 2.03 1.28- 2.31 2.20- 1.13		99 3	3.30 3.37 - 1.3 3.80 .3 2.918	4.70 1 4.93 6 4.42 6 2.74	4: - 1.1:	3.12 2.74- 1.75- 4 2.45-	1 • 66 2 • 55 • 93	2.01 2.45- 1.63- .98-	1.58	.20 .30 .80	- 2.40 - 2.59 - 2.15 - 2.47	4.47 5.29 5.04 2.30	2 · 5 4 2 · 5 9 - · 0 7	1.78 1.94- 1.68- 1.12-	1.23	33.39 35.17- 9 32.94- 8 E22.77-11	0.06 0.43 0.16
CREEKSIDE OERRY OONEGAL OONORA FORO CITY 4 S OAM	2.16- 1.08 	3.35	6.80	1.69	2.78- 1.20 - 2.35 1.83- 1.68 2.70	1.38	12 2	2.92- 1.6 78 2.84- 1.0 2.57	3.32		2.70		.80 1.38 1.03		1.08 3.09 .41	- 2.43 .57	7.06 2.83 4.04	2+08	2 18 2.80 1.41 1.85		30.65	
GLENWILLARO OASH OAM	1.64	1.56	5.29		2.46	1.75	1	2.99	2.61		2.15		• 97		.05		2.62		1.04		25.33	

PENNSYLVANIA 1963

TOTAL PRECIPITATION	DN AND	<b>DEPARTURES</b>	FROM NORMAL

	Janua	ary	Febru	ary	Marc	eh	Apr	il	Ma	y	Jun	10	July	′	Aug	ust	Septem	ber	Octol	ber	Nove	mber	Decem	ber	Ann	uel
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precapitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
REENSBORO LOCK 7 NOIANA 3 SE ITTANNING LOCK 7 NARION CENTER 2 SE IC KEESPORT	1.62- 1.82 1.50 2.36 1.76-		2.23- 2.65 2.13 2.93 1.75-	•29	6.33 5.09 4.50 5.67 5.33	2.69	1.85- 2.58 2.67 2.74 2.16-	1.70	1.29- 2.01 3.34 3.14 1.23-		5.51 3.07 2.58 3.57 2.11	1.25	2.42- 4.40 3.19 5.84 3.50-	2.22	2.09- 2.09 2.58 1.99 2.68-	- 2.11	1.98- 1.64 1.27 2.56 1.21-	1.55	.11- .39 .14 .19 .72-		3.81 5.34 3.78 5.62 3.00	1.29	1.04- 2.13 1.96 3.45 1.03-	1.45	30.28 33.21 29.64 40.06 26.48	
EYERSOALE 1 W IONTGOMERY LOCK AND DAM IATRONA LOCK 4 IEW CASTLE 1 N IEWELL	.96 1.36 1.92- 1.50- 2.12	1.19	2.07 1.41 2.59- 1.37- 2.60	*01 1*01	6.16 5.42 5.99 4.47 6.86	2.28	2.11 3.18 2.32- 2.75- 1.80	1.40	1.33 2.29 1.59 2.99 1.16		3.64 5.94 2.50 3.13 2.20		1.28 5.70 3.51- 3.95- 2.90		2.82 3.07 3.75- 3.59 2.20	21 .02	1.84 .99 .30- 1.84- 1.80	2.53		- 2.69 - 2.40	4.11 2.84 3.33 3.34 3.60	•69 •68	1.86 1.26 1.44- 1.69- 1.95		28.29 33.59 29.41 30.95 29.59	-11. - 8.
EW STANTON ARKER 1TTSBURGH WB AP 2 //R 1TTSBURGH WB C1TY R UTNEYVILLE 2 SE OAM	2.38 1.12 1.96- 1.35- 1.65	1.01	1.95 1.69 2.09- 2.07- 2.12	•10 •24	2 · 8 9 3 · 8 7 5 · 2 8 5 · 6 3 4 · 4 8	1 • 96 2 • 11	.42 2.18 2.39- 2.04- 2.28	.69 1.33	.76 3.16 1.57 1.70 3.57		.45 2.30 2.40 3.41 2.67	1.38	3.33 3.38 3.45- 2.47- 4.30			- 1.00 - 1.67	3.33 1.76 1.40- .63- 2.66	1.14	1.92 .42 .16- .16-	- 2.36 - 2.34	5.42 3.53 2.54 2.96 4.99	• 30	2.73 1.68 1.24- 1.59- 2.24	1.16	28.26 27.42 26.79 25.84 33.69	- 9. -11.
ICES LANGING L 6 AGAMORE 1 S ALINA 3 W CHENLEY LOCK 5 LIPPERY ROCK	1.89 1.41 1.47 1.66 1.20	1.53	1.90 3.28 1.97 2.31- 1.50	.47	5.92 5.38 5.82 5.07 2.84	•97	1.82 3.46 2.23 2.67- 2.69	1.13	1.66 3.54 2.21 1.83 2.96	- 2.27	2.93 3.14 1.70 3.48- 3.12	• 70	2.84 3.48 3.59 4.12 2.01	•23	1.01 2.96 1.86 3.24 2.29	49	.49 2.07 .71 .78- 2.53	2.20	.14 1.00 .24 .32 .31	- 2.45	3.35 5.80 3.22 3.76 3.41		1.25 E1.65 2.35 1.66- 1.16	- 1.19	25.20 E37.17 27.37 30.90 26.02	) -10
OMERSET FAIRVIEW ST TOYSTOWN NIONTOWN ANOERGRIFT AYMESBURG 1 E	1.54 1.54 1.54 1.73	1.14	2.54 - 2.25- 2.78 1.86-	.33 .40 .61	6.26 - 5.79 5.44 6.24	2 • 03 · 1 • 98 · 2 • 59	2.22 2.11 1.20- 2.22- 1.15-	1.33	1.94	- 2.86 - 1.93 - 2.21	3.18 3.11 5.54 3.49 3.97	.94 .85 .24	3.27 1.92 4.06- 4.13 3.73-	.04	2.55	- 2.45 - 1.49 - 1.66	•53-	1.88 2.49 2.56	.41	- 2.55 - 2.63 - 2.42	6.44 5.45 4.43 4.69 3.07	2.16	1.72-	- 1.39 82 - 1.33	37.96 - 30.82 31.44 28.07	2-11
M1TESBURG	1.86	-	2.30		E4+16		3.09		E3.47		2.17		4.24		1.84		1.28		.03		4.73		2.21		E31.46	,
01V1S10N	1.82-	1.30	2.29-	.29	5.40	1.66	2.26	1.49	2.08	- 2.14	3.20	1.18	3.56-	•77	2.37	- 1.58	1.50	1.52	. 52	- 2.32	3.99	1.31	1.95-	85	30.94	-10
ORTHWEST PLATEAU 10		[																					1			
ARNES RAOFORO FAA AIRPORT RAOFORO CNTRL FIRE STA RAOFORO 4 W RES ARTER CAMP 2 W	1.50 1.23 1.49 1.66 1.62		2.05 1.91 1.44 1.58 1.18		2.17 3.10 2.46 2.53 3.67		2.92 3.26 4.72 4.88 2.06		3.40 2.86 2.50 2.54 3.54		1.05 .83 1.97 2.00 1.44		4.18 4.23 4.58 7.30 4.98		E2.21 3.72 2.79 3.13 1.97		2.07 2.72 2.83 2.75 4.27		.46 .70 .25 .52		4.95 4.92 5.17 5.75 4.91		2 · 80 3 · 32 2 · 05 2 · 00 1 · 51		E29.76 32.80 32.25 36.64 31.37	5
LARION 3 SW LERMONT 4 NW ONNEAUTVILLE OOKSBURG ORRY	1.39 1.85 1.60 1.74 2.03	1.36	1.96 1.66 1.08 2.17 1.17-	1.76	3.74 3.21 3.49 E4.41 3.18	•62	1.80 3.70 3.19 2.26 3.79	•27	2.59 3.08 3.03 2.91 2.70		3.10 2.76 1.90 E2.94 1.48	- 2.88	5.78 4.26 4.22 E2.22 5.25	1.36	3.94 3.32 2.30 3.10 3.18	25	2.37 3.86 2.52 2.84 2.06	1.52	.31 .48 .04 .53		4.08 6.13 6.98 4.92 6.04		E2.18 2.44 3.09 1.97 4.81	1.29	E33.24 36.75 33.44 E32.01 36.59	5 4 1
OUOERSPORT 3 NW OUOERSPORT 6 E U BO15 FAA AIRPORT AST BRAOY RIE WB AIRPORT	1.28 2.03 1.87 2.08 1.51	1.16	1.27 1.52 2.28 2.77	1.37	2.72 3.23 3.47 4.09 2.64	•04	2.83 E1.24 2.25 2.56 2.94	•62	3.65 3.40 3.10 2.02	- 1.52	2.66 	- 2.20	4.16 4.23 1.35 2.71	96	2.43 E2.32 3.99 3.74 2.62	36	4.27 3.74 3.32 2.46 1.46	- 2.10	.24 .63 .87 .50		5.74 8.01 4.87 5.31 5.91		1.74 2.80 2.59 3.03 3.17	• 56	37.61 34.72 28.11	1
ARRELL SHARON RANKLIN ALETON REENVILLE AMESTOWN 2 NW	1.64- 1.65- 1.37- 1.33-	1.42 .94 1.71	1.08- 1.43- 1.32- 1.00-	1.00	3.97 2.75 4.22 3.40 3.02	1.02 .49 .75 .11	2.76- 2.08- 2.61- 2.78- 2.76-	•6B	3.43	- 1.90	1.69 2.46 2.17	- 1.40 - 2.18 - 1.05 - 1.96 - 2.45	1.85- 4.66 3.95 1.65- 2.97-	.33 .05	2.67		3.30	- 1.14 -14 - 1.38	.12 .28	- 2.84 - 2.85	2.94 5.10 6.29 3.95 4.89	3.28	3.11	67 84	33.45	1- 5⊢ 7-1
ANE 1 NNE EWIS RUN 3 SE YNCM EAOVILLE 1 S ERCER COUNTY HOME	1.67 1.75 1.86 1.54- E1.60	1.37	2.01 1.72 2.00 1.13- E1.90	1.39	3.42 3.49 E3.16 3.41 4.05	•14	3.95 4.21 4.01 3.17 4.90	• 42	3.95 4.03 3.74 2.33 4.90	- 1.68	1.85 2.22 2.25 2.26 4.43	- 2.05	3.18 5.43 5.81 4.21 2.83	• •04	3.49 3.86 3.17 2.89 4.08		3.12 3.11 2.54 2.40 2.95	61	.31 .39 .54 .14	- 3.17	5.69 5.21 5.11 5.69 4.71	2.56	2.25 E2.83 2.71 2.19 1.58	• • 52	34.85 E36.25 E36.90 31.32 E38.16	0
ORTH EAST 2 SE AYMONO EW USSELL TUMP CREEK	1.36 1.39 1.93 1.94 1.34		.39 E2.32 1.69 1.12 1.16		2.54 2.70 3.06 2.14 3.15		2.82 1.98 4.95 4.21 1.66		2.16 3.07 3.85 2.84 2.41		.92 1.94 3.49 1.22 3.28		2.22 3.89 6.83 3.76 3.74		3.11 3.06 3.54 3.27 4.98		2.00 2.76 3.40 1.70 3.59		.85 .25 .57 .39		6.74 2.57 5.92 5.42 4.57		2.21 E2.38 2.20 2.01 E1.99		27.32 E28.31 41.43 30.02 E31.92	1 3 2
IONESTA 2 SE OAM 1TUSVILLE WATER WORKS ORPEOO 4 W URTLEPOINT 4 NE NION CITY FILT PLANT	1.56 1.65 1.92 1.36 1.62		1.76 1.68 2.04 1.34		3.26 3.17 3.31 2.73 3.04		2.18 3.25 3.48 3.54 3.03		3.85 2.98 2.87 3.58 2.22		1.89 2.24 1.70 2.02 1.42		4.50 3.06 3.13 5.26 4.28		2.88 2.58 3.06 2.60 2.47		2.50 2.61 3.11 3.21 1.79		.27 .39 .86 .22		4.68 4.76 5.61 5.60 5.69		1.86 E1.74 3.39 1.61 3.51		31.19 E30.11 34.46 33.07 30.70	1 8 7
ARREN JEST HICKORY	1.42-	1.44	1.44-	1.12	3.27-	. 24	3.34-	•27	2+69	- 1.58	2.13	- 2.54	4.56	.27	3.33		2.82	61	.50 .27	- 2.91	4.81		1.92	~ 1.11	32.23	
EST HICKORT		1.48		1.03		08	3.14-	.61		- 1.17		- 1.78		29				65	.42	- 2.73	5.15	1.91	2 - 39	45	32 • 21	7-

Table 3				731411					34 5 1 .				4 41 41	_														1	963
							Las	st spr	ing mir	ılmu	m of						Fi	rat fa	ll minir	num	of						per of seen d		
Station					16° o belov		20° c		24° c		28° c		32° o		32° or below		28° o		24 ° o belov		20 o		16° e		below	below	below	low	below
	Highest	Date	Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	ate	Temp.	ate	Temp.	ate	Temp.	ate	Temp.	ejte	Temp.	Date	Temp.	Date	Temp.	Ö	o	, o	or be	9 .
POCONO MOUNTAINS 01	H	A	77	Α	Ä	Ţ	Ä	Ě	Ω	Ě	Dai	Ĭ	Dai	E	Dai	Ĕ	Dat	H	Da	Ĭ		Ţ	Ď	Ĕ	16	20	24	28	8
FRANCIS E WALTER DAM FREELAND HAVLEY MATAMORAS	90 90 91 97	7- 2 7- 2+ 7-29+ 7- 1		1-29 2- 8 2-27+	3-12 3-1 3-15	15	4- 8 3-23 3-24	20	4-16 4-10 4-16	24	5-24 5- 2 5-24	27	5-25 5-22 5-25 -	31	9-14 9-23 9-23 9-24	31	9-24 11-12 9-24 9-24	26 26	11-13 11- 4	23	11-20 12- 4 11-26 12- 1	18	12-15	16	289 261	256	217	194	124
MILANVILLE PLEASANT MOUNT 1 W SCRANTON SCRANTON WB AIRPORT STROUOSBURG	94 88 97 92 94	7-3 7-3 7-19 7-2+ 7-2+	-17 -10 - 9 -18	2- 9+ 2- 9 2- 8 1-29	3-19 3-4 3-1 3-3	12	- 4- 8 3-11 3- 3 3-24	20	5-24 4-11 3-19 4-16	22	5-24 4-11 4-8 5-24	22	5-25 5-25 5-24 5-25	32		28 31 31	9-23 9-14 11-20 11-25 9-24	28 28 27	9-24 12- 1 11-30	21 22 24		16 19 13	11-26 12-15 12-14	16 9 13	252 286 288	276 286	234	223	122 123
TOBYHANNA  EAST CENTRAL MOUNTAINS 02	88	7-28+	-20	1-29	3-19	16	4- 5	20	4-27	24	5-24	28	5-27	32	9-23	31	9-24	22	9-24	22	11-20	20	12- 1	14	257	229	150	123	119
ALLENTOWN WB AP ALLENTOWN GAS CO BETHLEMEM LEHIGH UNIV PALMERTON PORT CLINTON	97 97 104 94 96	7- 1 7-28+ 7- 1+ 7-28+ 7- 2	- 4	1-29 2- 8 1-24 1-29 1-29	3- 1 2-28 2-27 3- 3 3- 4	6 3 12	3- 3 3- 1 3- 1 3- 3 4- 8	17 20 12	3-24	21 20 24	4- 8 3-24 3-23 4-27 5-24	21 26 27	4-27 4-15 4- 8 5-24 5-25	32 32 31	9-24	32 31 29	11-20 11-26 12- 1 11- 4 9-23	26 26 28	12-12 12-12 11-26	22 23 24	12-15 12-14 12- 1	12 16 20	12-15 12-14 12-14	12 16 14	290 290 286	289 288 273	263 286 247	247 253 191	162 169 123
ZION GROVE SOUTHEASTERN PIEOMONT D3	93	7-20		-	-		-		-		5-24	27	5-25	31	-		-		-		-		-		-	-	-	-	-
COATESVILLE 1 SW DEVAULT 1 W EPHRATA GEORGE SCHOOL GRATERFORD 1 E	98 95 98 98	6-28 7-28+ 6-27 6-28 7-29+	-10 - 6	1-25 1-25 2-27 12-31 12-31+	2-28 2-27 2-27- 2-28 2-28	6 1 10 9	2-28 3- 2 2-28 3- 1 3- 1	17	3-16 3-19 3-15 4-6 3-4	24	4- 6 3-24 3-23 4- 6 4- 9	25 25 24	5-24 5-24 4-25 5-24 5-24	32 32 31	11-12 11- 4 9-24	32 32 31		26 28 28	12-1 12-12 11-26	24 24 23	12-14 12-15 12-15	13 12 13	12-14 12-15 12-15	13 12 13	290 291 290	287 290 289	257 272 234	246 235 221	172 193 123
HOLTWOOD LANCASTER 2NE PUMP STA LANOISVILLE 2 NW LEBANON 4 WNW MARCUS HOOK	95 98 96 97 98	7-28+ 7- 1 7- 3+ 7- 2 7-27+	-11 -12 - 6	1-24 1-29 12-31 1-25 1-24	2-27 2-28 2-28 2-28 2-28 2-27	7 16 7 2 8		18 20	3-3 3-15 4-8 3-3 2-28	24 24 23	3-15 4-16 4-16 3-23 2-28	28 26 26	4- 8 5- 3 5-24 4-10 3-23	31 31 32	11-13 9-24 9-24 11- 4 11-25	31 27 31	11-13 9-24 11-13	27 27 28	12- 6 11-13 12- 1	24 24 24	12-15 12- 6 12-15	15 20 11	12-15 12-15 12-15	15 13 11	290 290 290	290 278 289	266 219 273	211 161 235	144 123 208
MORGANTOWN MT GRETNA 2 SE MORRISTOWN PHIL DREXEL INST OF TEC PHILADELPHIA WB AP	95 97 99 100 97	7- 1 7- 2 7-28+ 7- 1 7- 1+	2	2- 3+ 1-25 12-31+ 1-25 1-29	2-28 2-28 2-27 2-27 2-27	12 14 7 8	3-3 3-3 2-27 2-27 2-27	20 18 7 8 7	3-11 3-24 2-28	24	4-16 4-8 3-24 2-28 4-6	25 24 22	5-24 5-24 4- 6 3-23 4-16	29 31 30	9-24 9-24 11-14 11-25 11-4	30 32 31	12-12	24 27 28	11-25 12-14 12-14	24 17 20	12-14 12-14 12-14	14 17 20	12-14 12-15 12-15	14 14 16	289 291 291	286 290 290	259 265 289	231 252 287	123 222 247
PMILAOELPMIA PT BREEZE PHOENIXVILLE 1 E QUAKERTOWN 1 E READING WB CITY WEST CHESTER	102 94 98 101	7-19 7- 2+ 7- 1 6-28	-10 -18 - 2 - 5	1-29 1-29 1-24 1-24	2-27 2-28 2-28 2-27 2-28	16	3- 3	17	2-28 4- 6 4- 6 2-28 3-23	22 24 23	2-28 4-16 4-29 3-11 4-5	26 28 28	3-11 5-24 5-24 3-24 5-12	31 31 32	9-24 9-24 11-25 9-24	32	- 11-12 9-24 12-12 11-13	25	12-14	16	12-14	16	12-14	16	290	290	289	276	246
WEST GROVE 1 SE	95	7-29+	-	-	-		-		-		-		4- 8	31	11- 3	32	11-25	25	12- 1	24	12-15	12	12-15	12	-	-	-	-	209
LOWER SUSQUEHANNA 04 ARENDTSVILLE	98	7-29	- 8	1-29	2-28	0	2-28		3-15	22	4- 8		5-13		9-24	31	11- 4	28	11-13	23	12-15	12	12-15	12	290	290	243	210	134
BLDSERVILLE 1 N CARLISLE CHAMBERSBURG 1 ESE GETTYSBURG	95 98 94 96	7- 2+ 7-26+ 7-28+ 6-28	- 6	1-24 1-29+ 1-29 1-29	2-28 2-28 2-28 2-28	16	3- 1 2-28 3- 3 2-28	16 19	3-15 3-23 3-23 2-28	24	3-23 4- 8 3-23 3-23	27 24	4-25 5-24 3-24 4-16	32	11-13 9-24 9-23 9-24	30	11-13 11-13 9-24 11-13	26 28	12- 2 12- 6	23	12-14 12-14	20 16	12-15 12-14	11 16	290 289	289 286	254 258	219 185	123
HAMOVER MARRISBURG WB AP MERCERSBURG SHIPPENSBURG YORK 3 SSW PUMP STA	98 99 96 95 96	6-28 6-27 7-27 6-27+ 7- 2+		1-29 1-29 1-29 1-29+ 1-29	2-28 2-27 2-28 2-28 2-27	4 9 6 16 1	2-28 2-27 2-28 2-28 3-3		2-28 3-3 3-15 3-15 3-3	24 24	3-23 3- 9 4- 8 4-16 4-25	27 27 28	4-25 4-16 5-24 5-12 5-24	32 31 32	9-24 9-24 10-14 9-24 9-23	30 29 29	11-25 11-13 11- 4 11-20 9-24	25 28 27	12- 6 12- 6 11-25	23 23 24	12-14 12-15 12-14	15 12 20	12-14 12-15 12-15	15 12 11	290 290 290	290 290 289	278 266 255	249 210 218	161 143 135
MIDOLE SUSOUEMANNA D5 BERWICK	94	7-28+	-15	1-29	3- 3	5	4-11	20	4-11	20	5- 2	25	5-25	29	9-24	28	9-24	28	11- 4	22	12-14	,,	12-14	,,	286	247	207	145	122
ENGLISM CENTER LEWISTOWN MILLVILLE 2 SW NEWPORT	96 96 93 97	7- 2 7-27+ 7- 2 7-28+	-22 - 8 -11	1-30 1-30+	3-15 3- 4 3- 3 2-28-	13	4-13 3- 4	20 13 19	4-26 3-20	24 24 24	5-24 4-11	26 27 28	5-24 5-25 5-25 5-24	26 32 32	9-14	31 31 27	9-24 11- 5 9-24	25 28 27	9-25 11-26 11-25	24 23 23	11-26 12-15 12- 2	20 12 18	12-14 12-15 12-15	16 12 7	274 286 287	227 286 262	152 251 233	123 208 123	113 122 122
SUNBURY TOWER CITY 2 E WILLIAMSPORT WB AP	98 92 95	7- 2 7-28+ 7-26+		1-29 1-29+ 1-29	3- 4 3- 3 3- 1	13	3-19 3- 4 3- 3	20	4- 8 4- 6 3-19	22 22 24	5-24 5-24 4- 6	27	5-25 5-24 5-24	27	9-14 9-23 9-24	32 31 30	9-24 9-24 11- 3	27 25 28	10-31 11- 4 12- 2	24 24 23	12- 2 12- 2 12-14	20 20 12	12-15 12-15 12-14	9 10 12	286 287 288	258 273 286	206 212 258	123 123 211	112 122 123
UPPER SUSQUEMANNA 06  AUSTINBURG 2 W	93	7- 2+	-15	2-27	3-15	16	3~23	1.0	5-24	23	5-24	23	5-25	30	9-14	20	0.14	20	0.24		11-25	20	12 1	10	2/1	247	122	112	112
CANTON 1 NW DIXON EAGLES MERE LAWRENCEVILLE 2 S	96 86 94	7- 2 7- 2+ 7- 1	-10 -23	2- 9+ 1-25 1-24 1-29	3-12 3- 4 3-23 3-15	14 0 15	3-23 4- 9 5- 2 4-16	20 20 20	5-24 4-17 5- 2 4-25	23 22 20	5-24 5- 4 5- 2 5-24	23 27 20	5~25 5~25 5~25 5~24 5~25	32 31 32	9-14 9-14 9-14 9-24 9-14	30 32 31	9-25 9-24 10-31	27 27 27	11-25 11-25 11-25	21 24 19	11-26 12- 1	20 16 19	12- 1 12- 1 12- 4	15 16 15	264 272 256	248 236 207	185 222 207	124 143 182	112 112 123
MONTROSE TOWANDA 1 ESE WELLSBORD 3 S	90 95 92	7- 3+ 7- 1 7- 2	-16 -23 -13	2- 9+ 1-29 1-25+	3-16 3-11 3-16	13	3-24 4- 8 4- 5	20	4-11 4-16 4-11	23	5-25 5-24 5-24	28	5-25 5-25 5-25	32	9-23 9-24 9-14	25	9-24	25	11- 4	23	11-25 12- 1 11-25	17	12-14	16	278	237	202	123	122
CENTRAL MOUNTAINS 07	0.5	7. 4																											
BELLEFONTE 4 S DU BDIS 7 E EMPORIUM 1 N KARTMAUS LOCK MAVEN	95 90 90 94 95	7- 2 7- 2+ 7- 2 7- 2 7-28+	-26	1-24 2-27 2-27 - 1-29	3- 3 3-15 3-16 - 3- 1	11	3-3 4-16 4-16 - 3-15	20 19	4- 6 5-24 5-24 - 4- 8	24	4-16 5-24 5-25 5-25 5-25	24 26 28	5-24 5-24 6-22 5-25 5-24	24 32 28	9-23 9-23 9-14 9-14 9-23	30 27 32	9-24 9-14 9-24	28 27 26	11-20 9-24 10-14	23 21 21	12- 6 11-25 11-25 11- 4 11-25	16 18 20	11-25 12- 6 11-25	16 11 15	255 265 -	223 223	180 123 -	123 112 122	122 84 112
MADERA PHILIPSBURG FAA AP REMOVO RIDGWAY STATE COLLEGE SOUTH CENTRAL MOUNTAINS 08	90 90 97 91 93	7- 2+ 7- 1 7- 2 7- 2 7-27+	-25 -16 -27	2-27 1-29 1-29 2-27 1-25	3-16 3-15 3-16 3-16 2-28-	14 15 12	4-25 4-16 3-23 4-16 3-1	20 20 19	5-25 5-24 4-25 5- 2 3-23	23 24 21	5-25 5-24 5-25 5-25 4-11	23 28 27	6=22 5=24 5=25 5=25 5=24	23 28 27	9-13 9-13 9-24 9-14 9-24	31 31 30	9-23 9-23 11- 4 9-24 11-25	25 28 27	9-24 11-25 10-14	24 24 23	12-15 11-25	20 11 19	12-6 12-15 12-6	10 11 11	266 274 265	172 267 223	123 214 165	122 163 122	122
ALTONA MORSESHOE CURVE BURNT CABINS 2 NE EMENSBURG EVERETT 1 SW HUNTINGDON	92` 92 89 95	6-27+ 7-28+ 6-26 7-29+	-16	1-24 1-29 1-24 1-29 1-30+	2-28 3-3 3-15 2-28 3-3	14	3-23 3-3 3-23 3-4 3-3	14 18 20	3-23 4-16 4-10 4-16 4- 8	24 24 24	5- 2 4-26 5-24 5- 2 4-26	27 27 28	5-24 5-24 5-24 5-25 5-25	29 27 32	9-24 9-22 9-23 9-23 9-23	32 29 32	9-24 9-24 - 9-24 9-24	27	11-13 11-20 10-14	24 22 24	11-25 12- 7	20 16 18	12-15 11-25 12-14	10 16 12	287 255 289	279 247 278	211 224 181	151 - 145	121 122 121

							Las	t spr	ing mir	imu	m of						Fi	rst fa	II minir	num	of						er of een d		
Station					16° c		20° c		24° c		28° o belov		32° or below		32° or below	- 1	28° or belov	- 1	24° o belov	- 1	20° o: belov		16° or below		below	below	below	below	or below
	Highest	Date	Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.		Temp.		Temp.	Date	Temp.	Date	Temp.		Temp.	Date	Temp.	16° or	20° or	24° or	28° or	32°
JOHNSTOWN KEGG MARTINSBURG FAA AP	96 94 92	7- 2+ 7-18+ 7-17		1-24 1-29 1-24	3- 3 2-27 2-27	16 0 0	3- 3 3-16 2-27	20	3-23 3-23 3-23	24	4- 6 4-25 4-10	28	5-24 5-24 5-24	29	9-23	301	9-25	28	10-30	22	12- 7 11-25 12-14	20	12-14	9	290	254	238 221 254	153	122
SOUTHWEST PLATEAU 09																													
8AKERSTOWN 3 WNW 8LAIRSVILLE 6 ENE 8URGETTSTOWN 2 W 8UTLER CLAYSVILLE 3 W	95 89 91 93 94	6-27 7- 1+ 7-18 6-28 8-22	-20 -20 -27 -22 -27	1-24 1-24 1-29 1-29 1-29	2-28 2-28 3-23 3-4 3-15	12 16 14	3-23 3-23 4-16 3-15 4-16	19 19 17	4-10 5- 2 4-25	23 21 24	5-24 5- 2 5-24 5-24 5-24	26 25 26	5-24 5-23 5-24 5-24 5-24	31 25 26	9-23	28 31 31	10-30 9-24 10- 5	28 27 28	11- 3 10-14 10-14	24 23 24	11-25 12- 1 11-25 11-25 11- 4	16 14 16	12- 1 11-25 11-25	16 14 16	276 247 266	253 223 255	207 165 172	181 123 134	160 121 122
CONFLUENCE 1 SW OAM OERRY OONEGAL OONORA FORO CITY 4 5 OAM	92 88 93 93	6-27 - 7-27+ 7-28 7- 2	-22 -20 -16 -23	1-30+ - 2-27 1-24 1-29	3- 4 - 3-23 2-27 3- 3	14	3-23 3-23 2-28 3-23	14	4-16 4-16 4-10 4-16	21	5- 3 5-24 4-16 5- 2	25 28	5-25 5-24 5- 2 5-25	25 29	9-23	21 25 31	12- 1 9-23 11-25	21 25 22	12- 1 11-13 11-25	21 24 22	11-25 12-14 11-25 12-14 11-25	10 16 12	12-14 11-25 12-14	10 16 12	247 290	247 289	211 229	122 223	122 181
INOIANA 3 SE MARION CENTER 2 SE MONTGOMERY LOCK ANO OAM NEW CASTLE 1 N NEWELL	92 90 93 94 97	7- 1+ 7- 1 7- 1 7- 1 7-29+	-21 -16 -23	2-27 1-24 1-24 1-29 1-29	2-28 3-15 2-27 3-1 2-28	16 9 8	4-16 3-23 3-23 3-23 3-3	18 20 18	5- 2 5- 2 4-10 5- 2 3-23	24 23 24	5-24 5-24 5-25 5-24 5- 2	26 28 27	5-24 5-24 5-25 5-24 5-23	26 28 27	10-14	31 32 31	10-30 11-14 10-14	28 28 26	11-25 11-25 10-30	17 24 24	11-25	17 11 18	12-14 12-14 12-14	11 9	274 290 288	247 266 247	207 229 181	159 173 143	122 142 123
NEW STANTON PITTS8URGH W8 AP 2 PITTS8URGH W8 CITY PUTNEYVILLE 2 SE OAM SALINA 3 W	95 93 95 91 95	6-27+ 6-27 7-17 7- 2+ 7- 1	-18 -13	1-29 1-24 1-24 2-27+ 1-29	2-27 2-27 2-27 3-15 4-10	9 2 16	3-15 3-23 2-27 3-23 4-14	20 2 19	4-16 3-23 2-28 4-25 5- 2	20 21 23	5-3 5-2 3-23 5-24 5-24	26 27 25	5-27 5-24 5- 1 5-25 5-24	30 32 30	10- 5 10-14 11-25 9-23 9-23	32 28	11-25 11-25	28 28 27	11-25 12-13 11-25	21 24 18	12- 1	17 11 18	12-14 12-14 12-14	11 16	290 290 274	253 290 247	288	184 247 142	143 208 121
SLIPPERY ROCK STOYSTOWN UNIONTOWN WAYNESBURG 1 E	90 90 91 95	7-17+ 7-18+ 7-17+ 7-18	-19 -16	1-24 1-25 1-29 1-30+	3-1 2-28 2-27 3-15	11	3-23 3-15	17	4-8 4-11 5-2 5-2	23	5-1 5-24 5-2 5-2 5-24	28	5-24 5-25 5-24 5-25	30 31	9-23	29	9-24	28	11-13	24	12- 1 11-25 11-25 11-25	18	12-15	13	290 290	247 255	231 216 207 186	123	121
NORTHWEST PLATEAU 10																													
8RAOFORO FAA AIRPORT 8RAOFORO 4 W RES CLARION 3 SW CLERMONT 4 NW	88 90 93 94	7- 1 7- 2 7- 1 7- 1	-21 -28 -25 -37	1-24 2-27 2-27+ 2-27	3-23 3-23 3-15 4-16	13	5-24 4- 6	20	5-24 5-24 5- 2 5-25	20		20	5-25 6-22 5-24 6-23	31 25	9-14 7- 9 9-22 7- 9	32 32	9-24	24	9-24	24	11-25 11-25 11-25 9-24	20	12- 6	14	258	185	202	123	17
CONNEAUTVILLE CORRY COUDERSPORT 3 NW OU BOIS FAA AIRPORT EAST BRADY	94 95 90 91 96	7- 2 7- 1 7- 1 7- 1 7-18+	-25 -23 -28 -20 -27	2-26 2-27 2-27 1-24 1-29	3-23 3-23 5- 6 3-15 3- 3	16 14 16	3-23 5-24 3-23	16 19 19	5-24 5-24 5-24 4-10 4-16	24 19 23	5-24 5-24 5-24 5-24 5-2	24 19 26	5-26 5-25 6-22 5-24 5-24	32 32 26	9-14	31	9-24 9-14	28 26 27	11-30 9-23	24	12- 5 12- 1 9-24 11-25 11-25	19	12- 5 11-25 12-14	13	257	253 123 247	190 122 229	1123	112
ERIE W8 AIRPORT FARRELL SHARON FRANKLIN GREENVILLE JAMESTOWN 2 NW	94 97 93 96 94	7- 2 6-27- 7- 2- 6-27 6-10	-27	1-24 12-31+ 2-27 2-26 2-27+	3-21 3-11	16 15	3- 1 4- 8 3-23	19 19 19	3-23 3-15 4-30 5-24 5-24	23 21 24	5-24	26 27 24	5-24 5-24 5-24 5-24 5-24	30 27 24	0-22	30	11-25	25	11-25	24	12-13 12-14 12- 7 11-25 11-25	20	12-14	11	290 268 278	243	260 209 185	185	7   185 5   124 2   122
KANE 1 NNE MEAOVILLE 1 S MERCER 2 NNE TIONESTA 2 SE OAM TITUSVILLE WATER WORKS	92 92 91 91 90	7- 2 7- 24 7-27 7- 2 7-27	-28 -27	2-27 2-27+ 2-27 2-27 2-26	3-23 3-15 3-23 3-15 3-23	16 15 13	3-23 4-16 3-23	19 20 20	5-24 4-15 5-24 4-30 5-24	23 22 21	5-24 5-24	28 22 28	6-23 5-25 5-24 5-24 6-23	31 22 28	9-24 9-22	32 30 32	11-14	28 26 28	11-25 10-14 11-25	23	10-13 12- 5 11-25 12- 5 12- 1	19 18 20	12-14 12-14 12- 6	6	274 266 266	257 223 257	224 143 209	134	122 6 121 3 123
WARREN	95	7- 1	-20	2-27	3-15	13	3-23	20	5- 2	24	5-24	26	5-24	26	9-14	32	9-24	28	12- 1	20	12- 1	20	12-14	10	274	253	213	123	113

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov	Dec.	Annual
POCONO MOUNTAINS 01														
FRANCIS E WALTER DAM	EVAP OEP WINO MAX MIN	=	-	=		6.00 2713 65.9 43.5	5.57 - 1800 76.1 54.4	6.98 - 1555 82.3 58.9	5.79 - 1727 77.0 54.9	3.88 - 1657 68.1 45.5	4.27 - 1922 62.7 40.0	-	=======================================	-
SOUTHEASTERN PIEOMONT 03														
LANDISVILLE 2 NW	EVAP OEP WIND MAX MIN	-	-	-		8 6.41 - 2413 74.6 46.1	6.79 1681 83.8 58.4	8 8.27 1509 90.2 59.0	6.03 - 1098 85.0 58.6	4.29 - 657 77.8 50.4	-	=======================================	-	-
CENTRAL MOUNTAINS 07														
BELLEFONTE 4 S	EVAP OEP WINO MAX MIN	-	=	-	8 5.85 - 62.6 39.5	6.54 2606 72.5 45.8	8 6.51 1702	8 7.13 - 1793 86.4 61.3	6.13 1828 80.9 57.2	8 4.99 - 1430 75.2 47.0	4.07 1577 70.0 42.1	-	=	-
SOUTHWEST PLATEAU 09														
CONFLUENCE 1 SW OAM	EVAP OEP WINO	=	-	-	8 4.22 .80 8 2279	4.98 .16 1781	5.40 .00 965	6.70 1.19 957	4.61 07 1151	3.75 .14 1244	3.14 .82 1351	=	-	-
FORO CITY 4 S OAM	EVAP OEP WINO	=	=	=	=	8 5.73 .91 1892	5.40 16 1162	6.62 .70 1216	5.35 .35 1164	4.28 .48 1131	3.53 1.19 1061	=	=	=
NORTHWEST PLATEAU 10														
JAMESTOWN 2 NW	EVAP OEP WINO	=	=	=	= =	8 4.27 11 1455	5.12 13 724	08	4.00 83 731	3.38 .01 805	=	=	=	=
KANE 1 NNE	EVAP DEP WINO MAX MIN	=	-	=	-	-	4.50 - 665 80.7 54.7	605 83.3	3.83 - 625 94.7 55.3	3.04 - 529 72.3 47.2	8 2.38 586 63.4 41.4	= =	=	-

MAX AND MIN IN TABLE 4 REFER TO AVERAGE MAXIMUM AND MINIMUM TEMPERATURE OF WATER IN PAN.

### SOIL TEMPERATURES

PENN5YLVANIA 1963

	Janu	агу	Febr	uary	Ma	rch	Ap	ril	M	ay	Ju	ne	Ju	ly	Auc	rust	Septe	mber	Octo	ber	Nove	mber	Dece	mber	Ann	nual
Station and Depth	Average	Extremes	Åverage	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
ERIE CO FIELO R5CH LAB																										
8 INCHES	34.7	36/34	31.7	35/26	33.9	45/29	47.7	55/41	56.9	66/47	69,0	78/61	79.8	87/73	72.5	82/65	64.3	72/55	60.3	66/50	46.1	51/40	36.5	40/35	52.8	87/2
LANOISVILLE 2 NW																										
2 INCHES	26.5	30/26	26.4	30/24	31.7	43/25	43.3	50/38	52.1	58/43	62.7	69/58	67.5	71/62	64.4	70/54	56.6	66/47	48.6	56/42	41.3	50/34	30.2	34/26	45.9	71/2
STATE COLLEGE 2																										
2 INCHE5	-	/	29.3	33/17	35.7	52/27	48.1	67/36	59.6	79/39	70.2	90/56	75.6	92/59	70.5	84/57	63.7	78/47	58.0	70/43	46.3	56/36	33.2	41/21	-	92/-
4 INCHES	-	-/-	27.0	31/19	34.8	49/27	47.2	59/38	57.5	70/40	68.4	81/58	73.3	86/63	69.8	79/59	63.5	74/50	57.4	66/46	46.7	54/38	33.9	40/23	-	86/-
8 INCHES	-	/	28.4	32/23	34.4	46/28	46.7	55/39	56.9	66/43	67.0	77/57	72.3	79/65	69.4	74/63	63.8	71/55	57.9	63/50	48.3	53/42	37.3	42/30	-	79/-
12 INCHES	-	-/-	29.9	32/27	33.7	43/29	45.8	51/41	55.4	61/45	65.3	72/60	70.6	74/67	66.6	72/65	63.8	69/58	58.1	61/53	49.3	54/44	36.8	45/34	-	74/-
16 INCHES	-	/	30.8	32/29	33.8	41/30	45.5	50/41	54.5	59/46	64.4	70/59	69.9	77/67	68.5	72/66	64.0	68/59	57.6	61/54	50.7	56/46	40.0	47/36	-	77/-
20 INCHES															67.9	/66	64.1	68/60	58.9	62/56	51.2	56/47	40.9	48/36	-	

ERIE CO FIELD RSCH LAB! MONTHLY AVERAGES ARE OBTAINED BY TAXING THE AVERAGE OF MAX AND MIN VALUES.
SLOPE OF GROUND, FLAT. SOIL TYPE, LAXE TERRACE CLASSIFIED AS CONDITION GRAVELLY LOAM. GROUND COVER, RYEGRASS AND NATIVE WEEDS, MONED SEVERAL TIMES EACH SEASON, INSTRUMENTATION, TAYLOR RECORDING THERMOMETER.

: MONTHLY AVERAGES ARE OBTAINED BY TAKING THE AVERAGE OF SINGLE OALLY OBSERVATIONS AT 8 A.M. SLOPE OF GROUND. GENTLE SLOPE TO THE WEST. SOIL TYPE: OUFFIELD CLAY LOAM. GROUND COVER: PERMANENT BLUEGRASS 500 WHICH IS KEPT CLIPPED TO A HEIGHT OF 2 INCHES. INSTRUMENTATION. WESTON ELECTRIC SOIL THERMOMETER. LANOISVILLE 2 NW

STATE COLLEGE 2

. MONTHLY AVERAGES ARE OBTAINED BY TAKING THE AVERAGE OF MAX AND MIN VALUES.
SLOPE OF GROUND. GENTLE SLOPE TO THE SOUTHEAST. SOIL TYPE. HAGERSTOWN SILT LOAM, GROUND COVER, KENTUCKY BLUEGRASS KEPT CLIPPED TO A HEIGHT OF BETWEEN 1 1/2 AND 3 INCHES. INSTRUMENTATION. COPPER-CONSTANTAN THERMOCOUPLE ON RECORDING POTENTIOMETER.

## STATION INDEX

Station	Index No. Division No.	titude ngitude evation emp.	during yr.	Refer to tables	Station	Index No. Division No.	Drainage‡ Latitude Longitude	record	Opened or closed during yr. Refer to tables W do
ACMETONIA LOCK 3 ALLENS MILLS ALLENTOWN WB AP ALLENTOWN GAS CO ALTOONA MORSESHOE CRVE ALVIN R BUSSH DAM APOLLO 2 W ARENOTSYLLE AUSTIN AUSTIN HOURG 2 W	DO22 09 ALLEGHENY 0099 10 JEFFERSON 0106 02 LEHIGH 0111 02 LEHIGH 0134 06 8LAIR 0147 07 CLINTON 0204 09 WESTMORELANO 0229 04 40AMS 0310 10 POTTER 0313 06 TIOGA	1 a0 32 70 a0 788 5 1 a0 32 70 a0 788 5 1 a1 a1 12 15 55 1600 9 a0 38 75 28 25 42 5 6 a0 50 76 29 1500 68 7 16 41 22 77 56 930 7 a0 35 77 36 1060 15 39 55 77 16 710 16 41 36 76 05 1330 15 42 00 77 32 1590 2	0CT 1	2 C C C C C C C C C C C C C C C C C C C	XARTHAUS KEGG KETTLE CREEK DAM (A)TTANNING LOCK 7 KRESGEVILLE 3 W LARE MINSINK LAREVILLE 1 NE PNP STA LANCASTER 2 NE PNP STA LANCASTER 2 NE FILT PL LANDISVILLE 2 NM	4450 07 CLEARFIELD 4461 08 BEDFORD 4545 07 CLINTON 4611 09 AMSTRONO 4672 02 CARBON 4727 D1 PIFE 4733 01 WAYNE 4736 03 LANCASTER 4763 03 LANCASTER 4776 03 LANCASTER	16 41 07 76 DT 6 39 59 76 43 16 41 22 77 56 1 40 49 79 32 9 40 54 75 34 5 41 13 75 03 5 41 2T 75 16 19 40 03 76 1T 15 40 07 76 26	960 1 23 1280 13 13 790 13 720 21 1360 5 1440 36	0CT 2 C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
BAKERSTOWN 3 WNW BARNES BEAR CREEK OAM BEAVER PA BEAVER FALLS BEAVER FOUN BECHTELSVILLE BELLEFONTE & S BERNE BERNE BERNE BERNE BERNE	0355 09 ALLEGHENY 0AD9 10 WARREN 0A55 01 LUZERNE 0A57 05 NORTHUMBLAND 0A75 09 BEAVER 0A82 05 SKYDER 0A88 03 BERKS 0530 D7 CENTRE 0599 03 BERKS 0611 05 COLUMBIA	1 40 39 79 95 1230 16 1 1 41 0 77 0 72 1330 19 19 11 07 75 44 1309 11 15 40 50 75 50 19 00 1 2 40 46 80 19 76 00 90 1 15 40 50 77 11 590 1 14 40 22 75 38 400 1 16 40 51 77 47 1110 35 4 16 40 51 76 60 325 15 15 16 1	AUG 1	1 2 3 2 2 34C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	LAURELTON ST VILLAGE LAWRENCEVILLE 2 S LEBANON 4 WAW LEBANON 3 SW LEHIGHTON LE ROY LEWIS RUN 3 SE LEWISTOWN LOCK HAVEN LOCK HAVEN LOCK HAVEN LOCK HAVEN	4853 05 UNION 4873 06 TIOGA 4899 03 LEBANON 4896 03 LEBANON 4972 06 BRADFORD 4972 06 BRADFORD 4994 10 MC KEAN 4992 05 MIFFL IN 5104 07 CLINTON	15 40 54 77 13 15 41 59 77 07 15 40 21 76 29 15 40 19 76 28 9 40 50 75 43 15 41 41 76 43 1 41 50 78 39 6 40 35 77 35 16 41 09 77 27	590 75 80 490 580: 29 1040 16 1740 16 480 25 25 640 72 72 630	1 2 3 C 1 2 3 1 2 3 2 C 2 C 2 C 1 2 3 C 1 2 3 C
BETMLEHEM BETMLEHEN LEHIGH UNIV BLAIN BLAIRSVILLE 6 ENE BLAKESLEE CORNERS BLOSENVILLE IN BOSNELL I SW. BRADDOER FAM AIRPORT BRAFFORD CENTRAL FS	0.29 02 NORTHAMPTON 0.634 02 NORTHAMPTON 0.725 05 PERRY 0.736 09 INDIANA 0.743 01 MONROE 0.743 04 CUMBER AND 0.821 09 SOMER SET 0.861 09 ALLEGHENY 0.865 10 NC KEAN 0.865 10 NC KEAN	9 40 37 79 23 240 9 40 36 75 22 364 62 7 15 40 20 77 31 750 9 41 06 79 09 2048 16 2 9 41 06 79 36 1650 15 40 16 77 22 650 4 1 60 09 79 02 1810 1 41 48 78 38 2121 1 41 57 76 39 1500 6	1	2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C C 1 2 3 C C C C C C C C C C C C C C C C C C	LONG PONO 2 W LYNCH MADERA MAHAFFE SLEN MAPL	5160 01 MONROE 5275 10 FOREST 5336 07 CLEARFIELD 5342 07 CLEARFIELD 5368 03 MONTGOMERY 5381 08 HUNTINGDON 5390 03 DELAWARE 5408 09 INDIANA 5456 08 BLAIR	9 41 03 75 30 1 41 36 79 03 16 40 50 78 26 16 40 53 78 44 5 40 11 75 11 6 40 24 77 56 3 39 49 75 25 1 41 28 79 07 1 40 45 79 02 6 40 18 78 19	1295 6 1460 1280 14 380 18 580 25 12 37 37 1730 21 1476 21 21	2 2 2 2 2 2 2 2 2 2 2 3 C 1 2
BRADFORD & W. RES BREZEZWOOD BROOKVILLE SEWAGE PL. BRUCKSTOWN I SE BUCKSTOWN I SE BURETTSTOWN 2 W BURETTSTOWN 2 W BURETTSTOWN 2 W BUTLER BUTLER BUTLER BUTLER	0868 10 NC KEAN 0905 08 BEOFORD 1004 10 JEFFERSON 1033 09 ALLEGHENY 1073 09 SOMERSET 1087 08 BEOFORD 1105 09 WASHINGTON 1115 08 HUNTINGDON 1130 09 BUTLER	1 41 57 78 44 1660 37 3 6 40 00 76 14 1352 2 2 1 41 09 70 05 1210 1 1 10 40 18 70 59 1065 2 4 40 00 47 8 50 2460 3 16 1 1 6 40 05 77 52 990 22 2 2 2 40 51 79 54 1140 40 5	NOV 1	1 2 3 1 2 3 2 C 1 2 3 1 2 3 1 2 3	MATAMORAS MC CONNELLSBURG MC KEESPOR7 MEAOOW RUN PONOS MEAOVILLE 1 S MEDIX RUN MERCER COUNTY HOME MERCER GOUNTY HOME MERCERSBURG MERWINSBURG MEFWERSDALF 1 W	5470 01 PIKE 5526.09 FULTON 5573.09 ALLEGHENY 5601.01 LUZERNE 5606.10 CRAWFORD 5627.07 ELK 5651.10 NERCER 5641.10 NERCER 5662.04 FRANKLIN 5676.01 MONROE	5 41 22 74 42 12 39 56 78 00 10 40 21 79 52 15 41 13 75 40 1 41 38 80 10 16 41 17 78 24 2 41 15 80 15 2 41 14 80 15 12 39 50 77 54 9 40 58 75 28	720 35 1995 1065 69 70 1100 22 1230 12 12 1250 585 4 21	1 2 3 2 C C C C C C C C C C C C C C C C C
CAMP KLINE CANTON 1 NW CARLISLE CARROLLTOWN 2 SSE CARRER CAMP 2 W CEDAR RUND CHAMPER SBURG 1 ESE CHAMLEROI CHARLEROI LOCK 4	1203 05 LYCONING 1215 06 BRADFORD 1234 04 CUMBERLAND 1255 08 CAMBFIA 1262 10 POTTER 1301 05 LYCONING 1342 03 DELAWARE 1354 04 FRANKLIN 1372 09 WASHINGTON 1377 09 WASHINGTON	16 41 19 77 17 590 19 41 40 76 52 1520 20 2 15 40 13 77 12 465 95 7 16 40 35 76 42 2040 2 16 41 37 77 45 2030 4 16 41 37 77 45 2030 4 16 41 37 77 45 2030 4 17 49 17 50	1	2 3 C 1 2 3 C 2 2 C 2 2 C 2 2 C 2 2 C 2 2 C 2 2 C 2 2 C 2 2 C 2 2 C 2	MILAN 2 N MILANVILE MILLERSBURG 2 E MILLERSBURG 2 E MILLYLLE MILLYLLE 2 SW MILROY NONTGOMERY L NONTROSE NORGANTOWN	5686 OF SOMERSET 5731 OS BRADFORO 5738 OI MAYNE 5175 OS DAUPHIN 5790 OF CENTRE 5817 OS COLUMBIA 3829 OS MIFFELIN 5902 OF BEAVER 5915 OS SUSOUEMANNA 5956 OS BERKS	17 39 45 79 02 15 41 56 76 31 5 41 40 75 04 15 40 32 76 56 15 40 53 77 29 15 41 06 76 34 6 40 43 77 35 11 40 39 80 23 15 41 50 75 52 15 40 09 75 54	770 760 18 560 1079 860 4 14 770 21 692 26 27 1360 58 58 595 13 13	INAC 2 C 1 2 3 C 2 1 2 3 C 2 1 2 3 C 1
CLARENCE CLARION 3 SW CLAUSSYLLE 3 W CLEARFIELD CLEARFIELD CLEARFIELD CLEARFONT 4 NW COAFESVILLE 1 SW COMFLUENCE 1 SW CONFLUENCE 1 NW CONFLUENCE 1 NW	1480 07 CENTRE 1485 10 CLARION 1505 02 LEHIGH 1512 09 WASHINGTON 1519 07 CLEAFFIELD 1529 10 NC KEAN 1589 03 CHESTER 1705 09 SOMERSET 1710 09 FAYETTE	16 41 03 77 56 1390 1 1 41 12 79 26 1114 21 5 9 40 37 75 39 670 1 11 40 07 80 28 1000 61 6 16 41 01 78 26 1100 61 6 16 41 01 78 26 1100 3 1 41 44 78 32 1620 3 5 39 58 75 50 342 76 7 17 39 45 79 22 1490 18 1 17 39 50 79 22 1331 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 C 2 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 4 C 2	M7 GRETMA 2 SE MOUNT UNION 1 N MUHLENBURG 1 SE MURRYSYSILE MYERSTOWN NATROMA LOCK 4 NEFFS MILLS 3 NE NESMANINY FALLS NEW CASTLE 1 N NEWELL	6028 03 LANCASTER 6067 05 MIFFLIN 6090 01 LUZERNE 6111 09 WESTMORELANO 6126 03 LEBANON 6151 09 ALLEGMENY 6194 03 BUCKS 6233 09 LAWRENCE 6246 09 FAYETTE	15 40 14 76 26 6 40 24 77 53 15 41 13 76 06 10 40 26 79 42 14 40 22 76 18 1 40 37 79 43 6 40 40 77 55 5 40 09 74 53 2 41 01 80 22 10 40 05 79 54	900 480 360 900 60 900 60 31 38 38 38 38 38 38 38 38 38 38	1 2 3 C INAC 1 2 3 C C 2 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C C C C C C C C C C C C C C C C C
CONMEAUTILLE CONNELLSVILLE CONNELLSVILLE CONSHORCEN CONSBURG CORADPOLIS NEVILLE S COUDERSPORT S COUDERSPORT E COVINGTON COVING	1720 10 CRAWFORD 1723 109 FAYETTE 1729 09 FAYETTE 1737 03 MONTGOMERY 1749 10 CLARION 1773 09 ALLEGMENY 1790 10 ERIE 1806 10 POTTER 1809 10 POTTER 1803 06 TIOGA	16 41 47 77 53 2533 15 41 44 77 07 1745	INAC	1 2 3 C 2 2 2 1 2 3 1 2 3 1 2 3 2 2	NEW PARK NEWPORT NEW STANTON NEW TRIPOLI NORRISTOWN ORWELL 2 NW PALM PALMERTON PARKER	6289 04 YORK 6297 05 PERRY 6310 09 WESTMORELAND 6326 02 LEHIGH 6370 03 MONTGOMERY 6396 10 ERIE 6622 06 BRADFORO 6681 03 MONTGOMERY 6689 02 CARBON 6721 09 ARMSTRONG	15 39 44 76 36 6 40 29 77 08 10 40 13 79 36 14 40 41 75 41 14 40 41 75 41 15 41 55 41 55 41 55 41 55 41 55 31 41 05 79 41	400 16 33 980 12 25 570 25 75 13 16 1060 14 3 1340 3 2 385 22 7 435 46 47 1140 13	1 2 3 1 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2
CREKSIDE CRESSON 2 SE DANVILLE OFVAULT 1 OINGMANS FERRY DIXOM DONGOL OVUESTOWN ORIFTWOOO	1881 09 INDIANA 1895 08 CANBRIA 2013 05 MONTOUR 2116 03 CHESTER 2160 01 PIKE 2171 06 WYONING 2183 09 WESTMORELAND 2190 09 WASHINGTON 2221 03 BUCK S 2224 07 CANERON	1 40 41 79 12 1030 6 6 40 27 78 34 2540 2 15 40 58 76 37 460 13 1 5 41 13 74 52 430 13 15 41 13 74 52 430 13 15 41 13 74 52 430 13 15 41 13 74 52 430 13 10 40 10 79 52 100 37 2 15 40 18 75 68 388 7	5 5 5 7	2	PARKER 1 E PAUPACK 2 WNW WPHIL OREXEL INST TECH PHILAGELPHIA WB AP  WPHILAGELPHIA PI BREEZE PHILIPSBURG FAA AP PHILES CHEEK PITSBURGH WB CITY  WPITTSBURGH WB CITY	6724 10 CLARION 6762 01 PIKE 6879 03 PPILLADELPHIA 6889 03 PPILLADELPHIA 6916 07 CENTRE 6927 03 CHESTER 6939 01 LUZERNE 6993 09 ALLEGHENY 6997 09 ALLEGHENY	1 41 06 79 46 5 41 24 75 14 14 39 57 75 11 5 39 53 75 16 6 40 54 78 09 14 40 07 75 30 15 41 18 76 00 11 40 30 80 13 11 40 27 80 00	1360 47 30 30 5 7 22 22 2 32 39 39 5 1918 21 21 105 52 54 3 1320 26 3 1137 12 12 749 93 93	2 2 3 C 1 2 3 C 1 2 3 C 2 2 C 2 2 C 2 2 C 2 2 3 C 2 2 3 C 2 2 3 C 2 2 3 C 1 2 3 C 2 C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C 1 2 3 C C C 1 2 3 C C C 1 2 3 C C C C C C C C C C C C C C C C C C
OU BOIS FAA AIRPORT DU BOIS 7 E DUNLO DUSHORE 2 SSW EAGLES MERE EAST BRADY EBENSBURG EBENSBURG EBENSBURG EMPORIUN 1 N	2260 10 JEFFERSON 2265 07 CLEARFIELD 2298 08 CAMBRIA 2325 06 SULLIVAN 2343 06 SULLIVAN 2363 10 CLARION 2466 08 CAMBRIA 2470 08 CAMBRIA 2514 10 ERIE 2635 07 CAMERON	1 41 11 78 54 181 1640 8 1641 40 17 78 38 1670 8 2 4 40 17 78 43 2410 16 41 29 76 25 2020 21 2 1 40 59 79 37 820 15 1 4 40 29 78 31 2090 46 4 40 29 78 31 2090 46 4 40 29 78 31 2090 46 4 40 29 78 31 2090 46 4 40 29 78 31 2090 46 4 40 29 78 31 40 20 20 20 20 20 20 20 20 20 20 20 20 20	5 5EP 1	1 2 3 C C C C C C C C C C C C C C C C C C	PLEASANT MOUNT 1 W PORT CLINTON PORTSYLLE PUNXSUTAWHEY PUTNEYVILLE 2 SE DAN QUAKERTOWN 1 E PRACOTOWN 1 C PREACOTOWN BE CITY REMOVO REMOVO 5 5	7029 01 WAYNE 7116 02 SCHUYLKILL 7161 02 SCHUYLKILL 7217 10 USFFERSON 7229 09 ARMSTRONG 7239 03 BUCKS 7310 10 POTTER 7318 03 BERKS 7409 07 CLINTON 7410 07 CLINTON	5 41 44 75 2 14 40 35 76 0 14 40 42 76 1 1 40 57 79 0 1 40 57 79 0 1 40 57 79 0 1 40 57 79 0 1 40 26 75 2 1 40 20 75 5 16 41 20 77 49 16 41 14 77 46	2 450 25 25 0 1300 20 1 1300 20 0 490 77 79 2 2220 10 3 660 3 66 5 2035	1 2 3 C 1 2 3 C 2 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C
ENGLISM CENTER EPHRATA EOUINUNK Z ERIE CO FIELD RSCH LAB ERIE WB AIRPORT EVERETT I SW FARRELL SMARDN FOOD CITY 4 S OAM FRANCIS E WALTER DAN FRANKLIN	2644 05 LYCONING 2662 03 LANCASTER 2671 01 WAYNE 2673 10 ERIE 2682 10 ERIE 2721 08 BEOFORO 2814 10 MERCER 2942 09 ARMSTRONG 3018 01 LUZERNE 3028 10 VENANGO	9 41 07 75 44 1509 1 1 41 23 79 49 987 69 5	9 18 1 AUG	1 2 3 C 1 2 3 G 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C	REW RICES LANDING L 6 RIDGWAY ROCHESTER 1 N RUSHVILLE RUSSELL SAFE HARBOR SAGANORE I S SALINA 3 W SACTOR	7425 10 NC KEAN 7443 09 GREENE 7477 07 ELK 7540 09 BEAVER 7727 06 SUSGUEHANNA 7729 10 WARREN 7732 09 LANCASTER 7739 09 IMDIANA 7782 09 WESTMORELANO 7846 08 BEOFORO	1 41 54 78 3: 10 39 57 80 00 1 41 25 78 4: 2 40 43 80 11 15 41 47 76 0: 1 41 56 79 0: 1 5 39 55 76 2: 1 40 46 79 1: 7 40 31 79 3: 6 40 12 78 1:	5 1360 48 57 900 7 870 8 1230 4 3 270 2 1320 23 3 1109 11 11	2 2 1 2 3 2 2 2 5 1 2 3 C
FREELAND GALETON GEIGERTOWN GEORGE SCHOOL #GE17YSBURG 1 S GLENCOE GLEN HAZEL 2 NE DAN GLENHOORE GLEN HAZEL 2 NE DAN	3056 01 LUZERNE 3130 10 POTTER 3189 03 BERKS 3200 03 BUCKS 3218 04 AOAMS 3223 04 AOAMS 3298 09 SOMERSET 3311 07 ELK 3321 03 CHESTER 3330 04 YORK	15 41 01 75 54 1900 69 4 16 41 44 77 38 1380 1 14 40 13 75 50 400 1 5 40 13 74 56 135 57 5 12 39 50 77 14 540 87 1 12 39 49 77 14 530 87 1 14 134 78 36 172 1 14 134 78 36 172 1 5 40 06 75 47 440 1 1 39 48 76 44 620	7	1 2 3 2 2 1 2 3 1 2 3 C C C C	SCANDIA 1 E SCHENLEY LOCK 5 #SCERATION SCRANTON MBAP SELLERSVILLE 2 NW SHADE GAP 2 NE SHAMOKIN 5 SHEPPENSUNG SINNEMAMONING	7855 10 WARREN 7863 09 ARMSTRONG 7902 01 LACKAWANNA 7905 01 LUZERNE 7938 03 BUCKS 7965 08 HUNTINGOON 7978 05 NORTHUMBLAND 8026 10 WARREN 8073 04 FRANKLIN 8145 07 CAMERON	1 41 55 79 0: 1 40 41 79 4! 15 A1 25 75 4! 15 41 20 75 4! 5 40 23 75 2! 6 A0 12 77 5! 15 40 A8 76 3: 1 41 42 79 0: 15 40 03 77 3: 16 41 19 78 0:	783 85 746 63 63 746 63 63 746 16 16 747 748 748 748 748 748 748 748 748 748	C 2 1 2 3 C C C C C C C C C C C C C C C C C C
GLENMILLARD OASH DAN GOULOSBORD GRATERFORD GRATERFORD 1 GREENSBORD LOCK 7 GREENSBURG 2 GREENVILLE HANDVER HANDER HANDLESURG NO AP HARTISUURG NORTH	3343 09 ALLEGHENY 3394 01 WAYNE 3455 03 MONTGOMERY 3437 03 MONTGOMERY 3503 09 GREENE 3515 09 WESTMORELANO 3526 10 MERCER 3602 04 YORK 3609 04 YORK 3704 03 DAUPHIN	1A 40 14 75 27 155 7 4 40 1A 75 26 240 3 10 39 47 79 55 808 1 10 40 18 79 31 1225 2 41 24 80 23 980 64 15 39 A8 76 59 600 60 60 15 40 13 76 51 335 75	8 8 3 2 4	2 2 2 1 2 3 2 C 1 2 3 1 2 3 1 2 3 C	SIZERVILLE SLIPPERY ROCK SMETHPORT HIGHWAY SHED SOMERSET FAIRVIEW ST SOUTH CANAAN 1 NE SOUTH HOUNTAIN SPRING GROVE #STATE COLLEGE STATE COLLEGE STILLWATER SAN	8154 07 CA MERON 8184 09 BUTLER 8190 10 MC KEAN 8284 09 SOMERSET. 8275 01 WAYNE 8308 04 FRANKLIN 8379 0A YORK 8449 07 CENTRE 8452 07 CENTRE 8452 07 CENTRE 8491 06 SUSOUEMANNA	16 41 36 80 01 1 41 48 76 2 17 40 01 79 0 5 41 31 75 2 12 39 51 77 3 15 39 52 76 5 16 40 48 77 5 16 40 48 77 5 15 41 41 75 2	3 1345 7 1510 5 2140 4 1400 0 1520 2 470 2 1175 76 79	APR 2 1 2 3 C 2 C 1 2 3 C G C C
MAWLEY 1 5 DAM HOLLIDAYSBURG HOLLISTERVILLE #HOLTWOOD HOME HOWESDALE 4 NW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW HOMESDALE 6 NNW	3758 01 WAYNE 3761 01 WAYNE 4001 08 BLAIR A008 01 WAYNE 4019 03 LANCASTER A027 09 INDIANA 4043 01 WAYNE 4044 01 WAYNE 404T 03 CHESTER 4066 06 SUSQUEHANNA	5 A1 28 75 11 1200 25 3 6 A0 26 78 24 960 5 41 23 75 26 1360 15 39 50 76 20 187 44 4 1 A0 A5 79 06 1220 5 41 37 75 19 1410 5 A1 39 75 17 1050	9 25	1 2 3 C C 2 C 2 C 2 C 2 C 2 2 C 2 2 C 2 2 C C 2 C C 2 C C 2 C C 2 C C C 2 C	STOYSTOWN STRANDSTOWN STRONGSTOWN STRONGSTOWN STROUDSBURG STUMP, CREEK SUMBURY SUSOUBHANNA TAMAQUA TAMAQUA TAMAQUA TAMAACK Z S FIRE TWR.	8560 O9 SONERSET 8570 O3 BERKS 8589 O9 INOIANA 8596 O1 MONROE 8610 10 JEFFERSON 8680 O5 NORTHUMBLAND 8692 O6 SUSOUEHANNA 8758 O2 SCHUTYLKILL 8763 O2 SCHUTYLKILL 8770 O7 CLINTON	4 40 06 78 5 1A A0 29 76 1 4 40 33 78 5 5 40 59 75 1 15 A0 52 76 A 15 41 57 75 3 14 40 48 75 5 71 24 77 5	1 600 18 5 1880 2 480 46 46 0 1320 23 7 480 73 73 6 1020 29 8 830 22 9 1120 31	1 2 3 C 2 C 2 1 2 3 C 2 2 C 2 C 1 2 3 C C 2 C 2 C 2 C 2 C C 2 C C C C C C
MUNTINGON HUNTSDALE HYNDNAN INDIANA 3 SE JACKSON SUMMIT JAMESTOWN 2 NW JERSEY SHORE #JOHNSTOWN JOHNSTOWN JOHNSTOWN 2 KANE 1 NME	4159 OB HUNTINGOON 4166 O4 CUMBERLANO 4190 OB BEDFORO 4214 O9 INDIANA 4304 O6 TIOGA 4325 IO CRAWFORD 4363 O9 LYCOMING 4368 OB CAMBRIA 4390 OB CAMBRIA 4391 O MC KEAN	15 40 06 77 18 610 12 39 49 78 44 960 4 40 36 79 07 1102 15 A1 57 77 01 1690 2 41 30 80 28 1050 22 16 41 12 77 15 541 4 40 20 78 55 1214 7 1 4 40 19 78 55 1275	3 1 4 4 5 6 2	1 2 3 C 2 1 2 3 C C 1 2 3 4 C 2 1 2 3 C C 1 2 3 A C C 1 2 3 A C C 1 2 3 A C C 1 2 3 A C C C C C C C C C C C C C C C C C C	TIONESTA 2 SE OAM TITUSVILLE TITUSVILLE WATER WORKS TOBYHANNA TORPEDO 4 W TOWANDA 1 ESE TOWER CITY 2 E TROY TUNNELTON TUNTALEPOINT 4 NE	8873 10 FOREST 8885 10 CRAWFORD 8888 10 CRAWFORD 8893 01 MONROE 8903 10 WARREN 8905 06 BRADFORD 8912 05 SCHUYLKILL 8959 06 BRADFORD 8989 09 INDIANA 90DZ 10 MC KEAN	1 41 29 79 21 1 41 38 79 4 1 41 38 79 4 5 41 11 75 2 1 41 45 76 3 15 40 35 76 3 15 41 47 76 4 4 AO 27 79 2 1 41 54 78 1	0 1550 2 1220 10 10 1950 2 2 2 1735 13 5 745 69 69 1 835 2 2 7 1100 13	1 2 3 C 1 2 3 C 1 2 3 C 2 1 2 3 C 1 2 3 C 1 2 3 C 2 C

Station	Index No. Division No.	Drainage‡ Latitude Longitude	Elevation	Temp. Precip. Gvap. Evap.	Opened or closed during y	Refer to	Station	Index No. Division No.	Drainage‡ Latitude Longitude	Accident Acc	sed
TYDONE 4 NE BALD EAGLE UNION CITY FILT PLANT UNIONTOWN VANDERGERFY VIRGINVILLE WARREN WARTSONTOWN WATSONTOWN WAYNESBURG 1 E WEBSTER HILLS 3 SW WELLSBORDO 3 S WEST CHESTER WEST CHESTER WEST THICKONY WILKES-BARRE	9024 00 BLAIR 9040 10 ERIE 9050 09 FAVETTE 9050 09 FAVETTE 9128 09 WESTHORREAND 9128 09 WESTHORREAND 9128 00 WASHINGTON 9340 03 BERKS 9380 08 FULTON 9340 00 FULTON 9340 00 FULTON 9460 03 CHESTER 9503 03 CHESTER 9503 03 CHESTER 9503 03 CHESTER 9503 03 CHESTER 9503 03 CHESTER 9503 03 CHESTER	14 40 31 75 53 1 41 51 79 0 11 40 11 80 14	8 1400 4 1040 800 350 8 1280 1200 2 490 940 5 910 6 1920 6 440 8 450 5 1090 4 1320	74 75 24 18 67 75 16 34 36 14 14 108 113 1 34 12 23		2 C 2 C 1 2 3 C 2 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C 2 C	WILLIAMSBURG WILLIAMSBURG WILLIAMSBURG WA PW WILLIAMSBURG PW WING SAUSH PUMP STA YORK NAZVEY YOUNGSYILLE 210H GOVER 2 SFILTER PLANT YOUNGSYILLE 210H GOVER PLANT SAUSH PUMP STANT SAUSH PUMP SAUSH PUM	9714 OS BLAIF 9728 OS LYCONING 9784 OZ NORTHANPION 9823 OS BEDFORD 99310 OS VORK 9950 OS YORK 9950 OS YORK 9990 OS LENTUCH 9990 OZ LENTUCH	16 41 15 76 55 9 40 51 75 18 7 6 40 03 78 32 11 15 39 55 76 45 15 40 07 76 43 11 41 51 79 19 11 15 40 54 76 13 15 15 15 15 15 15 15 15 15 15 15 15 15	180 227 23 23 65 65 65 76 64 64 64 64 64 64 64 64 64 64 64 64 64	2 1 2 3 C C 2 C C C C C C C C C C C C C C C

<sup>1 -</sup>ALLEGHENY: 2-BEAVER; 3-CONEMUNG, 4-CONEMUNG; 5-DELAWARE; 6-JUNIATA; 7-KISKIMINETAS; 8-LAKE ERIE; 9-LEIGB: 10-MONONGAHELA: 11-0H10; 12-POTOMAS; 13-LAKE ONTARIO, 14-SCHUYLKILL; 15-SUSQUEHANNA; 18-MEST BRANCH: 17-YOUGHNOCHENY

### REFERENCE NOTES

Additional information regarding the climate of Pennsylvania may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Harriaburg State Airport, New Cumberland, Pennsylvania 17070, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulietin are: Temperature in "F., precipitation and symporation in inches, and wind movement in miles Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnots following Table 4.

Normals for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals

Years of Record as shown in the Station Index are approximate since gaps in the records may not bave been considered in arriving at the totals shown.

Climatological divisions outlined on the maps in this builetin became effective with data for September 1958.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office

Oelaysd data and corrections will be carried in the June and December issues of Climatological Oata

- No record.

NEW NAME

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; bowever, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- / Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Onta for recorder stations denoted by "C" in the Refer to Tables column of the Station index are processed for special purposes and published in "Bouriy Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially sstimated.
- G in the Refer to Tables column of the Station ladex the letter "G" indicates that soil temperatures are published
- N One or more days' record missing, if average value is entered, less than 10 days' record is missing. See monthly Climatological Data for detailed daily record
- R Amounts from recording gage. These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Osta".
- V Includes total for previous months. V in annual column means total is for a two-year period.

information concerning the history of changes in locations, elevations, exposures, etc., of substations through 1857 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 65 cents. Statlar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as Indicated above, price 15 cents.

Cents.

Subscription Price: 20 cants per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders abould be made payable to the Superintendent of Documents. Restitances and correspondence regarding subscriptions should be sent to the Superintendent of Documents. Government Printing Office, Manington, D. C. 20402.

	FOREST TRAES
N R BUSH OAM ICLS E WALTER OAM ER COUNTY HOME	KETTLE CREEK DAM BEAR CREEK OAM MERCER 2 NNE
	RELOCATION AND CHANGES OF EQUIPMENT
N R BUSH DAM ERTOWN LEHEM LEHIGH UN1V N ER	Equipment not moved - name change Equipment wowd 0.5 mile NW Equipment anowd 500 feet S Recording rain gage moved 150 feet SE Equipment relocated from second floor roof to fi

of to first floor roof CARTER CAMP 2 W COUDERSPORT 6 E CREEKSIDE EPHRATA EQUINUNK 2 rmin gage moved 200 feet SE moved 1.5 miles NNW moved 900 feet NW moved 0.5 mile N moved 400 feet NW moved 400 feet SE moved 420 feet N moved 420 feet N moved 150 feet NNE moved 150 feet NNE moved 300 feet SE and evaporation equipment installed EQUINUNK 2 ERIE CO FIELD RSCH LAB ERIE WB AP EVERETT 1 SW PRANCIS E WALTER DAM GALETON
HUNTINGDON
KANE 1 NNE
KARTHAUS
LAURELTON STATE VILLAGE Equipment moved 0.2 mile SSW
Equipment coved 0.7 mile N
Publication of evaporation data
Equipment moved 0.2 mile E and temperature equipment installed
Equipment moved 150 feet S

LEWIS RUN 3 SE LOCK HAVEN MARIONVILLE MARTINSBURG FAA AP MATAMOROS Standard rain gage moved 30 feet S Temperature equipment installed Standard rain gage moved 100 feet W Equipment moved 400 feet W Equipment moved 0.3 mile SE MEYERSDALE 1 W MILANVILLE NORTH EAST 2 SE WH1TESBURG ZION GROVE Temperature equipment installed

October 1 June 27 January 11 Aprii 3 Novsmber 18 August 6 August 1 December 3, 1955 June 25 July 1, 1962 July 1 May 3, 1961 February 1, 1960 November 1 June 26, 1962 December 20, 1962 November 19 January 1 Marcb 1 June 1 June 25 July 1 September 9 June 1, 1961 July 25 June 19 August 1 November 19 June 7, 1955

DATE - 1963

